

USDA National Nutrient Database for Standard ReferenceRelease 28

Nutrients: Cystine (g) ; Methionine (g)

Food Subset: All Foods
Ordered by: Nutrient Content
Measured by: Household
Report Run at: September 30, 2016 07:45 EDT

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05711	Turkey, retail parts, breast, meat only, cooked, roasted	863.0	1.0 breast	2.442	7.102
05708	Turkey, retail parts, breast, meat only, with added solution, raw	1171.0	1.0 breast	2.412	7.225
01258	Egg, white, dried, stabilized, glucose reduced	107.0	1.0 cup, sifted	2.367	3.200
01136	Egg, white, dried, powder, stabilized, glucose reduced	107.0	1.0 cup, sifted	2.187	3.428
13953	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	569.0	1.0 roast (yield from 690g raw meat)	1.912	3.858
12160	Seeds, cottonseed kernels, roasted (glandless)	149.0	1.0 cup	1.274	0.788
16108	Soybeans, mature seeds, raw	186.0	1.0 cup	1.218	1.017
36629	Restaurant, Chinese, orange chicken	648.0	1.0 order	1.043	2.203
12007	Seeds, cottonseed flour, partially defatted (glandless)	94.0	1.0 cup	1.010	0.625
16135	Winged beans, mature seeds, raw	182.0	1.0 cup	0.992	0.648
01134	Egg, whole, dried, stabilized, glucose reduced	85.0	1.0 cup, sifted	0.976	1.323
16110	Soybeans, mature seeds, roasted, salted	172.0	1.0 cup	0.975	0.817
16410	Soybeans, mature seeds, roasted, no salt added	172.0	1.0 cup	0.975	0.817
05305	Ground turkey, raw	453.6	1.0 lb	0.943	2.622
01133	Egg, whole, dried	85.0	1.0 cup, sifted	0.910	1.271
36621	Restaurant, Chinese, sweet and sour chicken	706.0	1.0 order	0.904	1.652
36617	Restaurant, Chinese, lemon chicken	623.0	1.0 order	0.885	2.056
16119	Soy meal, defatted, raw	122.0	1.0 cup	0.883	0.739
13379	Beef, chuck, blade roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	235.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.825	1.664
16076	Lupins, mature seeds, raw	180.0	1.0 cup	0.803	0.459
36057	CARRABBA'S ITALIAN GRILL, chicken parmesan without cavatappi pasta	339.0	1.0 serving	0.797	1.654
16117	Soy flour, defatted	105.0	1.0 cup	0.795	0.666
36032	DENNY'S, spaghetti and meatballs	565.0	1.0 serving	0.791	1.074
10107	Pork, fresh, variety meats and by-products, kidneys, cooked, braised	140.0	1.0 cup	0.780	0.763
20071	Wheat, hard red spring	192.0	1.0 cup	0.776	0.442
36618	Restaurant, Chinese, general tso's chicken	535.0	1.0 order	0.770	1.776
05161	Squab, (pigeon), meat only, raw	251.0	1.0 unit (yield from 1 lb ready-to-cook squab)	0.766	1.391

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11667	Seaweed, spirulina, dried	112.0	1.0 cup	0.741	1.287
16085	Peas, green, split, mature seeds, raw	197.0	1.0 cup	0.735	0.494
36622	Restaurant, Chinese, sweet and sour pork	609.0	1.0 order	0.688	1.285
12201	Seeds, sesame seed kernels, dried (decorticated)	150.0	1.0 cup	0.660	1.320
36626	Restaurant, Chinese, chicken and vegetables	693.0	1.0 order	0.658	1.130
20038	Oats	156.0	1.0 cup	0.636	0.487
05149	Goose, domesticated, meat only, cooked, roasted	143.0	1.0 unit (yield from 1 lb ready-to-cook goose)	0.636	1.120
36619	Restaurant, Chinese, kung pao chicken	604.0	1.0 order	0.634	1.450
05021	Chicken, broilers or fryers, giblets, cooked, fried	145.0	1.0 cup, chopped or diced	0.634	1.174
16144	Lentils, pink or red, raw	192.0	1.0 cup	0.628	0.407
20028	Couscous, dry	173.0	1.0 cup	0.623	0.344
16069	Lentils, raw	192.0	1.0 cup	0.618	0.403
20072	Wheat, hard red winter	192.0	1.0 cup	0.618	0.386
13334	Beef, variety meats and by-products, spleen, cooked, braised	85.0	3.0 oz	0.618	0.393
10104	Pork, fresh, variety meats and by-products, heart, cooked, braised	145.0	1.0 cup	0.613	0.876
12041	Seeds, sunflower seed flour, partially defatted	64.0	1.0 cup	0.609	0.668
23040	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	179.0	1.0 steak	0.601	1.215
36059	Restaurant, Italian, chicken parmesan without pasta	301.0	1.0 serving	0.599	1.222
20066	Semolina, enriched	167.0	1.0 cup	0.598	0.331
20466	Semolina, unenriched	167.0	1.0 cup	0.598	0.331
16111	Soybeans, mature seeds, dry roasted	93.0	1.0 cup	0.593	0.497
05130	Chicken, stewing, light meat, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.592	1.280
01173	Egg, white, dried	28.0	1.0 oz	0.589	0.781
05040	Chicken, broilers or fryers, light meat, meat only, cooked, fried	140.0	1.0 cup	0.588	1.271
16067	Hyacinth beans, mature seeds, raw	210.0	1.0 cup	0.586	0.401
07969	Kielbasa, fully cooked, pan-fried	370.0	1.0 link	0.585	1.051
36011	T.G.I. FRIDAY'S, classic sirloin steak (10 oz)	176.0	1.0 serving	0.584	1.457
12084	Nuts, butternuts, dried	120.0	1.0 cup	0.581	0.733
12154	Nuts, walnuts, black, dried	125.0	1.0 cup, chopped	0.578	0.584
20138	Wheat, KAMUT khorasan, uncooked	186.0	1.0 cup	0.575	0.467
20140	Spelt, uncooked	174.0	1.0 cup	0.574	0.449
36058	OLIVE GARDEN, chicken parmigiana without pasta	304.0	1.0 serving	0.572	1.143
36023	APPLEBEE'S, chicken tenders platter	209.0	1.0 serving	0.568	1.093
36054	OLIVE GARDEN, cheese ravioli with marinara sauce	454.0	1.0 serving varied from 7-9 ravioli per serving	0.563	0.799
16056	Chickpeas (garbanzo beans, bengal gram), mature seeds, raw	200.0	1.0 cup	0.558	0.540

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
21243	WENDY'S, CLASSIC DOUBLE, with cheese	310.0	1.0 item	0.558	1.054
05064	Chicken, broilers or fryers, breast, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.556	1.203
05041	Chicken, broilers or fryers, light meat, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.554	1.197
16106	Meat extender	88.0	1.0 cup	0.552	0.458
05012	Chicken, broilers or fryers, meat only, cooked, fried	140.0	1.0 cup, chopped or diced	0.550	1.182
20076	Wheat, durum	192.0	1.0 cup	0.549	0.424
05147	Goose, domesticated, meat and skin, cooked, roasted	140.0	1.0 cup, chopped or diced	0.546	0.851
05060	Chicken, broilers or fryers, breast, meat and skin, cooked, roasted	140.0	1.0 cup, chopped or diced	0.546	1.130
05126	Chicken, stewing, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.545	1.179
20033	Oat bran, raw	94.0	1.0 cup	0.541	0.315
01135	Egg, white, dried, flakes, stabilized, glucose reduced	28.35	1.0 oz	0.541	0.848
16389	Peanuts, all types, oil-roasted, without salt	144.0	1.0 cup,	0.540	0.419
16089	Peanuts, all types, oil-roasted, with salt	144.0	1.0 cup, chopped	0.540	0.419
12538	Seeds, sunflower seed kernels, oil roasted, with salt added	135.0	1.0 cup	0.536	0.587
12038	Seeds, sunflower seed kernels, oil roasted, without salt	135.0	1.0 cup	0.536	0.587
36631	OLIVE GARDEN, spaghetti with meat sauce	525.0	1.0 serving	0.536	0.640
21434	KFC, Fried Chicken, ORIGINAL RECIPE, Breast, meat and skin with breading	212.0	1.0 breast, with skin	0.532	0.666
20069	Triticale	192.0	1.0 cup	0.528	0.392
10153	Pork, cured, ham, whole, separable lean only, roasted	140.0	1.0 cup	0.528	0.925
16392	Peanuts, spanish, oil-roasted, without salt	147.0	1.0 cup	0.528	0.506
16092	Peanuts, spanish, oil-roasted, with salt	147.0	1.0 cup	0.528	0.506
20078	Wheat germ, crude	115.0	1.0 cup	0.527	0.524
05044	Chicken, broilers or fryers, dark meat, meat only, cooked, fried	140.0	1.0 cup	0.525	1.119
10169	Pork, cured, shoulder, arm picnic, separable lean only, roasted	140.0	1.0 cup	0.525	0.923
23062	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	150.0	1.0 steak	0.525	1.059
23031	Beef, round, knuckle, tip side, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	141.0	1.0 steak	0.525	1.058
21115	Fast foods, hamburger, large, triple patty, with condiments	259.0	1.0 sandwich	0.523	1.121
21438	KFC, Fried Chicken, EXTRA CRISPY, Breast, meat and skin with breading	212.0	1.0 breast, with skin	0.522	0.653
36041	Restaurant, Italian, lasagna with meat	457.0	1.0 serving	0.521	1.129
05026	Chicken, heart, all classes, cooked, simmered	145.0	1.0 cup, chopped or diced	0.521	0.925
05065	Chicken, broilers or fryers, breast, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.519	1.123
05042	Chicken, broilers or fryers, light meat, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.518	1.119
05013	Chicken, broilers or fryers, meat only, roasted	140.0	1.0 cup, chopped or diced	0.518	1.121
12023	Seeds, sesame seeds, whole, dried	144.0	1.0 cup	0.516	0.844

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
36630	Restaurant, Italian, spaghetti with meat sauce	554.0	1.0 serving	0.515	0.604
05116	Chicken, roasting, giblets, cooked, simmered	145.0	1.0 cup, chopped or diced	0.515	0.977
36013	Restaurant, family style, sirloin steak	166.0	1.0 serving	0.515	1.272
16049	Beans, white, mature seeds, raw	202.0	1.0 cup	0.513	0.709
16101	Pigeon peas (red gram), mature seeds, raw	205.0	1.0 cup	0.512	0.498
36055	Restaurant, Italian, cheese ravioli with marinara sauce	427.0	1.0 serving serving size varied by diameter and count of raviloi	0.512	0.709
05138	Chicken, capons, giblets, cooked, simmered	145.0	1.0 cup, chopped or diced	0.510	0.948
05009	Chicken, broilers or fryers, meat and skin, cooked, roasted	140.0	1.0 cup, chopped or diced	0.510	1.016
16035	Beans, kidney, royal red, mature seeds, raw	184.0	1.0 cup	0.508	0.701
20004	Barley, hulled	184.0	1.0 cup	0.508	0.442
10011	Pork, fresh, leg (ham), whole, separable lean only, cooked, roasted	135.0	1.0 cup, diced	0.506	1.052
05142	Duck, domesticated, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.505	0.889
05132	Chicken, stewing, dark meat, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.504	1.091
20073	Wheat, soft red winter	168.0	1.0 cup	0.504	0.292
23084	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	141.0	1.0 steak	0.503	1.379
05061	Chicken, broilers or fryers, breast, meat and skin, cooked, stewed	140.0	1.0 cup, chopped or diced	0.503	1.037
17008	Lamb, domestic, foreshank, separable lean and fat, trimmed to 1/4" fat, choice, cooked, braised	148.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.502	1.077
17229	Lamb, domestic, foreshank, separable lean and fat, trimmed to 1/8" fat, cooked, braised	148.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.502	1.077
16052	Broadbeans (fava beans), mature seeds, raw	150.0	1.0 cup	0.501	0.320
23086	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	141.0	1.0 steak	0.501	1.371
36053	CARRABBA'S ITALIAN GRILL, cheese ravioli with marinara sauce	365.0	1.0 serving varied from 8 to 10 ravioli per serving	0.500	0.679
16394	Peanuts, valencia, oil-roasted, without salt	144.0	1.0 cup	0.500	0.478
16094	Peanuts, valencia, oil-roasted, with salt	144.0	1.0 cup	0.500	0.478
36043	CARRABBA'S ITALIAN GRILL, lasagne	437.0	1.0 serving	0.498	1.075
36034	Restaurant, family style, chicken tenders	201.0	1.0 serving	0.496	1.019
05128	Chicken, stewing, giblets, cooked, simmered	145.0	1.0 cup, chopped or diced	0.496	0.935
36020	T.G.I. FRIDAY'S, chicken fingers	225.0	1.0 serving	0.495	1.055
23085	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	141.0	1.0 steak	0.495	1.355
16045	Beans, small white, mature seeds, raw	215.0	1.0 cup	0.495	0.682
12037	Seeds, sunflower seed kernels, dry roasted, without salt	128.0	1.0 cup	0.490	0.538

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
12536	Seeds, sunflower seed kernels from shell, dry roasted, with salt added	128.0	1.0 cup	0.490	0.538
12537	Seeds, sunflower seed kernels, dry roasted, with salt added	128.0	1.0 cup	0.490	0.538
05045	Chicken, broilers or fryers, dark meat, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.490	1.060
36042	OLIVE GARDEN, lasagna classico	422.0	1.0 serving	0.490	1.055
16019	Beans, cranberry (roman), mature seeds, raw	195.0	1.0 cup	0.489	0.675
16091	Peanuts, spanish, raw	146.0	1.0 cup	0.489	0.469
05014	Chicken, broilers or fryers, meat only, stewed	140.0	1.0 cup, chopped or diced	0.489	1.057
16030	Beans, kidney, california red, mature seeds, raw	184.0	1.0 cup	0.488	0.675
05108	Chicken, broilers or fryers, wing, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.487	1.053
10181	Pork, fresh, loin, top loin (chops), boneless, separable lean only, cooked, pan-fried	142.0	1.0 chop	0.487	1.186
21456	POPEYES, Fried Chicken, Mild, Breast, meat and skin with breading	194.0	1.0 breast, with skin	0.487	0.609
17033	Lamb, domestic, rib, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	147.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.487	1.047
05118	Chicken, roasting, light meat, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.486	1.051
23249	Beef, top loin filet, boneless, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	135.0	1.0 fillet	0.485	1.273
16083	Mungo beans, mature seeds, raw	207.0	1.0 cup	0.484	0.760
21290	LITTLE CAESARS 14" Cheese Pizza, Large Deep Dish Crust	102.0	1.0 slice	0.482	0.319
21291	LITTLE CAESARS 14" Pepperoni Pizza, Large Deep Dish Crust	104.0	1.0 slice	0.482	0.286
13150	Beef, rib, shortribs, separable lean only, choice, cooked, braised	121.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.480	0.969
16040	Beans, pink, mature seeds, raw	210.0	1.0 cup	0.479	0.662
13921	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	140.0	1.0 steak (yield from 181 g raw meat)	0.477	0.963
16116	Soy flour, full-fat, roasted	85.0	1.0 cup, stirred	0.477	0.399
23120	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	141.0	1.0 steak	0.477	1.290
36608	CRACKER BARREL, grilled sirloin steak	151.0	1.0 steak	0.476	1.253
05336	USDA Commodity Chicken, canned, meat only, drained	135.0	1.0 cup drained	0.475	1.029
23119	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	141.0	1.0 steak	0.475	1.285
16096	Peanuts, virginia, oil-roasted, with salt	143.0	1.0 cup	0.475	0.453
16396	Peanuts, virginia, oil-roasted, without salt	143.0	1.0 cup	0.475	0.453
17010	Lamb, domestic, foreshank, separable lean only, trimmed to 1/4" fat, choice, cooked, braised	128.0	1.0 piece, cooked, excluding refuse (yield from 1 lb raw meat with refuse)	0.474	1.019
12174	Seeds, watermelon seed kernels, dried	108.0	1.0 cup	0.473	0.901
21425	KFC, Fried Chicken, ORIGINAL RECIPE, Breast, meat only, skin and breading removed	152.0	1.0 breast without skin	0.473	0.591
36024	CRACKER BARREL, chicken tenderloin platter, fried	175.0	1.0 serving	0.472	0.840

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16095	Peanuts, virginia, raw	146.0	1.0 cup	0.472	0.451
16027	Beans, kidney, all types, mature seeds, raw	184.0	1.0 cup	0.471	0.653
36000	APPLEBEE'S, 9 oz house sirloin steak	157.0	1.0 serving	0.471	1.017
23121	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	141.0	1.0 steak	0.471	1.276
10152	Pork, cured, ham, whole, separable lean only, unheated	140.0	1.0 cup	0.470	0.825
16093	Peanuts, valencia, raw	146.0	1.0 cup	0.470	0.450
10186	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, cooked, pan-fried	142.0	1.0 chop	0.470	1.143
12586	Nuts, cashew nuts, oil roasted, with salt added	129.0	1.0 cup, whole	0.470	0.431
12086	Nuts, cashew nuts, oil roasted, without salt added	129.0	1.0 cup, whole	0.470	0.431
05070	Chicken, broilers or fryers, drumstick, meat and skin, cooked, stewed	140.0	1.0 cup, chopped or diced	0.469	0.952
16047	Beans, yellow, mature seeds, raw	196.0	1.0 cup	0.468	0.649
16115	Soy flour, full-fat, raw	84.0	1.0 cup, stirred	0.467	0.391
21101	Fast foods, cheeseburger; triple, regular patty; plain	249.0	1.0 item	0.466	1.043
36623	Restaurant, Chinese, chicken chow mein	604.0	1.0 order	0.465	0.985
05046	Chicken, broilers or fryers, dark meat, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.465	1.007
10067	Pork, fresh, loin, top loin (chops), boneless, separable lean only, cooked, braised	135.0	1.0 chop	0.464	1.130
15225	Fish, yellowtail, mixed species, cooked, dry heat	146.0	0.5 fillet	0.464	1.282
21510	WENDY'S, DAVE'S Hot 'N Juicy 1/4 LB, single	215.0	1.0 sandwich	0.462	0.634
10858	Pork, fresh, loin, top loin (chops), boneless, separable lean only, with added solution, cooked, pan-broiled	150.0	1.0 chop boneless	0.462	1.146
10068	Pork, fresh, loin, top loin (chops), boneless, separable lean only, cooked, broiled	145.0	1.0 chop	0.461	1.101
16109	Soybeans, mature cooked, boiled, without salt	172.0	1.0 cup	0.461	0.385
16409	Soybeans, mature seeds, cooked, boiled, with salt	172.0	1.0 cup	0.461	0.385
05010	Chicken, broilers or fryers, meat and skin, cooked, stewed	140.0	1.0 cup, chopped or diced	0.461	0.920
16074	Lima beans, thin seeded (baby), mature seeds, raw	202.0	1.0 cup	0.461	0.527
12539	Seeds, sunflower seed kernels, toasted, with salt added	134.0	1.0 cup	0.457	0.501
12039	Seeds, sunflower seed kernels, toasted, without salt	134.0	1.0 cup	0.457	0.501
36632	CARRABBA'S ITALIAN GRILL, spaghetti with meat sauce	537.0	1.0 serving	0.456	0.526
16014	Beans, black, mature seeds, raw	194.0	1.0 cup	0.456	0.631
15119	Fish, tuna, light, canned in oil, drained solids	146.0	1.0 cup, solid or chunks	0.456	1.259
20142	Teff, uncooked	193.0	1.0 cup	0.455	0.826
10209	Pork, fresh, loin, country-style ribs, separable lean only, bone-in, cooked, roasted	138.0	1.0 rack	0.454	1.104
10987	Pork, fresh, loin, country-style ribs, separable lean only, boneless, cooked, roasted	138.0	1.0 rack	0.454	1.104
10859	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, with added solution, cooked, pan-broiled	150.0	1.0 chop boneless (yield from 189g raw meat)	0.452	1.107

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10042	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, cooked, broiled	146.0	1.0 chop without refuse (Yield from 1 cooked chop, with refuse, weighing 209g)	0.451	1.076
16032	Beans, kidney, red, mature seeds, raw	184.0	1.0 cup	0.451	0.624
10009	Pork, fresh, leg (ham), whole, separable lean and fat, cooked, roasted	135.0	1.0 cup, diced	0.450	0.927
05079	Chicken, broilers or fryers, leg, meat and skin, cooked, stewed	140.0	1.0 cup, chopped or diced	0.449	0.904
16133	Yardlong beans, mature seeds, raw	167.0	1.0 cup	0.449	0.578
21254	BURGER KING, DOUBLE WHOPPER, no cheese	374.0	1.0 item	0.449	1.010
05099	Chicken, broilers or fryers, thigh, meat only, cooked, stewed	140.0	1.0 cup, chopped or diced	0.448	0.969
05114	Chicken, roasting, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.448	0.970
10064	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, cooked, broiled	145.0	1.0 chop	0.445	1.063
01139	Egg, goose, whole, fresh, raw	144.0	1.0 egg	0.445	0.899
10063	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, cooked, braised	135.0	1.0 chop	0.444	1.080
16390	Peanuts, all types, dry-roasted, without salt	146.0	1.0 cup	0.444	0.425
21442	POPEYES, Fried Chicken, Mild, Breast, meat only, skin and breading removed	132.0	1.0 breast without skin	0.444	0.554
12565	Nuts, almonds, oil roasted, with salt added	157.0	1.0 cup whole kernels	0.443	0.295
12065	Nuts, almonds, oil roasted, without salt added	157.0	1.0 cup whole kernels	0.443	0.295
12665	Nuts, almonds, oil roasted, lightly salted	157.0	1.0 cup whole kernels	0.443	0.295
21430	KFC, Fried Chicken, EXTRA CRISPY, Breast, meat only, skin and breading removed	140.0	1.0 breast, without skin	0.442	0.553
10134	Pork, cured, ham, boneless, extra lean (approximately 5% fat), roasted	140.0	1.0 cup	0.441	0.774
16060	Cowpeas, catjang, mature seeds, raw	167.0	1.0 cup	0.439	0.568
21255	BURGER KING, DOUBLE WHOPPER, with cheese	399.0	1.0 item	0.439	1.157
36012	Restaurant, family style, fried mozzarella sticks	245.0	1.0 serving	0.439	1.056
05104	Chicken, broilers or fryers, wing, meat and skin, cooked, stewed	140.0	1.0 cup, chopped or diced	0.438	0.822
20005	Barley, pearled, raw	200.0	1.0 cup	0.438	0.380
12529	Seeds, sesame seed kernels, toasted, with salt added (decorticated)	128.0	1.0 cup	0.438	0.717
12029	Seeds, sesame seed kernels, toasted, without salt added (decorticated)	128.0	1.0 cup	0.438	0.717
10073	Pork, fresh, shoulder, whole, separable lean only, cooked, roasted	135.0	1.0 cup, diced	0.436	0.906
16024	Beans, great northern, mature seeds, raw	183.0	1.0 cup	0.436	0.602
12638	Nuts, mixed nuts, oil roasted, without peanuts, with salt added	144.0	1.0 cup	0.435	0.498
12138	Nuts, mixed nuts, oil roasted, without peanuts, without salt added	144.0	1.0 cup	0.435	0.498
16080	Mung beans, mature seeds, raw	207.0	1.0 cup	0.435	0.592
23247	Beef, top loin filet, boneless, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	135.0	1.0 fillet	0.435	1.150
21099	Fast foods, cheeseburger; single, large patty; with condiments, vegetables and ham	254.0	1.0 sandwich	0.434	0.899
16062	Cowpeas, common (blackeyes, crowder, southern), mature seeds, raw	167.0	1.0 cup	0.434	0.559
23274	Beef, ribeye filet, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	129.0	1.0 fillet	0.430	1.129

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
12014	Seeds, pumpkin and squash seed kernels, dried	129.0	1.0 cup	0.428	0.778
21245	WENDY'S, Ultimate Chicken Grill Sandwich	225.0	1.0 item	0.428	0.720
36027	DENNY'S, chicken strips	194.0	1.0 serving	0.427	0.951
23258	Beef, loin, top sirloin filet, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	115.0	1.0 fillet	0.427	1.119
23272	Beef, ribeye filet, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	135.0	1.0 fillet	0.427	1.127
05190	Turkey, all classes, back, meat and skin, cooked, roasted	140.0	1.0 cup, chopped or diced	0.426	1.023
10183	Pork, cured, ham, boneless, extra lean and regular, roasted	140.0	1.0 cup	0.426	0.749
16016	Beans, black turtle, mature seeds, raw	184.0	1.0 cup	0.425	0.589
20031	Millet, raw	200.0	1.0 cup	0.424	0.442
21259	BURGER KING, Original Chicken Sandwich	199.0	1.0 sandwich	0.422	0.537
16071	Lima beans, large, mature seeds, raw	178.0	1.0 cup	0.422	0.482
05277	Chicken, canned, meat only, with broth	142.0	1.0 can (5 oz)	0.422	0.815
36603	Restaurant, Chinese, beef and vegetables	574.0	1.0 order	0.419	0.907
05140	Duck, domesticated, meat and skin, cooked, roasted	140.0	1.0 cup, chopped or diced	0.419	0.665
10111	Pork, fresh, variety meats and by-products, liver, cooked, braised	85.0	3.0 oz	0.417	0.548
10136	Pork, cured, ham, boneless, regular (approximately 11% fat), roasted	140.0	1.0 cup	0.417	0.734
05120	Chicken, roasting, dark meat, meat only, cooked, roasted	140.0	1.0 cup, chopped or diced	0.417	0.902
21270	TACO BELL, Taco Salad	533.0	1.0 item	0.416	0.640
21244	WENDY'S, Homestyle Chicken Fillet Sandwich	230.0	1.0 item	0.414	0.667
36061	Restaurant, Mexican, soft taco with ground beef, cheese and lettuce	281.0	1.0 serving varied from 1 to 3 tacos per serving	0.413	0.787
12062	Nuts, almonds, blanched	145.0	1.0 cup whole kernels	0.412	0.276
10013	Pork, fresh, leg (ham), rump half, separable lean and fat, cooked, roasted	135.0	1.0 cup, diced	0.412	1.000
10168	Pork, cured, shoulder, arm picnic, separable lean and fat, roasted	140.0	1.0 cup	0.412	0.722
10993	Pork, fresh, loin, country-style ribs, separable lean and fat, boneless, cooked, roasted	138.0	1.0 rack	0.411	0.999
36606	CRACKER BARREL, farm raised catfish platter	178.0	1.0 serving	0.409	1.175
23248	Beef, top loin filet, boneless, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	135.0	1.0 fillet	0.408	1.085
23273	Beef, ribeye filet, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	138.0	1.0 fillet	0.407	1.086
12078	Nuts, brazilnuts, dried, unblanched	133.0	1.0 cup, whole	0.407	1.495
36052	Restaurant, Mexican, cheese quesadilla	205.0	1.0 serving serving size varied on diameter and count of quesadila	0.406	0.789
23256	Beef, loin, top sirloin filet, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	121.0	1.0 fillet	0.405	1.074
36018	APPLEBEE'S, fish, hand battered	250.0	1.0 serving	0.405	1.035
12206	Nuts, almonds, honey roasted, unblanched	144.0	1.0 cup whole kernels	0.405	0.258

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
36033	Restaurant, family style, fish fillet, battered or breaded, fried	226.0	1.0 serving	0.405	0.911
20093	Pasta, fresh-refrigerated, plain, as purchased	128.0	4.5 oz	0.403	0.223
36022	APPLEBEE'S, crunchy onion rings	350.0	1.0 serving	0.402	0.220
05036	Chicken, broilers or fryers, dark meat, meat and skin, cooked, fried, flour	110.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.401	0.798
16099	Peanut flour, defatted	60.0	1.0 cup	0.401	0.385
36611	DENNY'S, mozzarella cheese sticks	228.0	1.0 serving	0.399	0.937
20012	Bulgur, dry	140.0	1.0 cup	0.399	0.266
23484	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, all grades, cooked	114.0	4.0 oz	0.398	0.898
01129	Egg, whole, cooked, hard-boiled	136.0	1.0 cup, chopped	0.397	0.533
21289	LITTLE CAESARS 14" Original Round Meat and Vegetable Pizza, Regular Crust	115.0	1.0 slice	0.397	0.322
13924	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	119.0	1.0 steak (yield from 1 raw steak weighing 151g)	0.396	0.800
15113	Fish, tilefish, cooked, dry heat	150.0	0.5 fillet	0.394	1.088
10163	Pork, fresh, loin, center loin (chops), boneless, separable lean only, cooked, pan-broiled	114.0	4.0 oz	0.394	0.943
01137	Egg, yolk, dried	67.0	1.0 cup, sifted	0.394	0.575
15088	Fish, sardine, Atlantic, canned in oil, drained solids with bone	149.0	1.0 cup, drained	0.393	1.086
12635	Nuts, mixed nuts, dry roasted, with peanuts, with salt added	137.0	1.0 cup	0.393	0.312
23257	Beef, loin, top sirloin filet, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	124.0	1.0 fillet	0.393	1.048
21100	Fast foods, cheeseburger; double, large patty, with condiments and vegetables	258.0	1.0 sandwich	0.392	0.846
17203	Veal, variety meats and by-products, liver, cooked, braised	80.0	1.0 slice	0.392	0.592
36407	Restaurant, Latino, Arroz con grandules (rice and pigeonpeas)	653.0	1.0 serving	0.392	0.457
13428	Beef, round, top round, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.391	0.789
12147	Nuts, pine nuts, dried	135.0	1.0 cup	0.390	0.350
20008	Buckwheat	170.0	1.0 cup	0.389	0.292
16037	Beans, navy, mature seeds, raw	208.0	1.0 cup	0.389	0.568
10071	Pork, fresh, shoulder, whole, separable lean and fat, cooked, roasted	135.0	1.0 cup, diced	0.389	0.801
13327	Beef, variety meats and by-products, liver, cooked, pan-fried	81.0	1.0 slice	0.388	0.561
12585	Nuts, cashew nuts, dry roasted, with salt added	137.0	1.0 cup, halves and whole	0.388	0.375
12085	Nuts, cashew nuts, dry roasted, without salt added	137.0	1.0 cup, halves and whole	0.388	0.375
10076	Pork, fresh, shoulder, arm picnic, separable lean and fat, cooked, roasted	135.0	1.0 cup, diced	0.386	0.792
12137	Nuts, mixed nuts, oil roasted, with peanuts, without salt added	134.0	1.0 cup	0.386	0.379
12637	Nuts, mixed nuts, oil roasted, with peanuts, with salt added	134.0	1.0 cup	0.386	0.379
12016	Seeds, pumpkin and squash seed kernels, roasted, without salt	118.0	1.0 cup	0.386	0.702
12516	Seeds, pumpkin and squash seed kernels, roasted, with salt added	118.0	1.0 cup	0.386	0.702

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16113	Natto	175.0	1.0 cup	0.385	0.364
05141	Duck, domesticated, meat only, raw	137.0	1.0 unit (yield from 1 lb ready-to-cook duck)	0.385	0.677
05162	Squab, (pigeon), light meat without skin, raw	101.0	1.0 breast, bone removed	0.384	0.696
10182	Pork, cured, ham, boneless, extra lean and regular, unheated	140.0	1.0 cup	0.384	0.675
13413	Beef, round, bottom round, steak, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.383	0.774
10985	Pork, fresh, loin, country-style ribs, separable lean only, boneless, cooked, broiled	122.0	1.0 rack	0.383	0.931
10986	Pork, fresh, loin, country-style ribs, separable lean only, bone-in, cooked, broiled	122.0	1.0 rack	0.383	0.931
01040	Cheese, swiss	132.0	1.0 cup, diced	0.383	1.035
36029	DENNY'S, fish fillet, battered or breaded, fried	201.0	1.0 serving	0.382	0.764
10206	Pork, fresh, loin, country-style ribs, separable lean and fat, bone-in, cooked, roasted	138.0	1.0 rack	0.381	0.796
05337	USDA Commodity, Chicken, canned, meat only, with water	135.0	1.0 cup drained	0.381	0.823
05338	USDA Commodity, Chicken, canned, meat only, with broth	135.0	1.0 cup drained	0.381	0.823
20095	Pasta, fresh-refrigerated, spinach, as purchased	128.0	4.5 oz	0.380	0.266
10150	Pork, cured, ham, whole, separable lean and fat, unheated	140.0	1.0 cup	0.378	0.662
13404	Beef, round, bottom round, steak, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.377	0.762
36046	Restaurant, Italian, spaghetti with pomodoro sauce (no meat)	510.0	1.0 serving	0.377	0.291
16022	Beans, french, mature seeds, raw	184.0	1.0 cup	0.377	0.521
23284	Beef, top loin filet, boneless, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	135.0	1.0 fillet	0.377	1.000
05318	Duck, young duckling, domesticated, White Pekin, leg, meat only, bone in, cooked without skin, braised	85.0	3.0 oz	0.376	0.661
12652	Nuts, pistachio nuts, dry roasted, with salt added	123.0	1.0 cup	0.375	0.461
12152	Nuts, pistachio nuts, dry roasted, without salt added	123.0	1.0 cup	0.375	0.461
05317	Duck, young duckling, domesticated, White Pekin, leg, meat and skin, bone in, cooked, roasted	92.0	1.0 leg, bone removed (yield after cooking)	0.374	0.658
20060	Rice bran, crude	118.0	1.0 cup	0.374	0.361
15034	Fish, haddock, cooked, dry heat	150.0	1.0 fillet	0.374	1.029
13407	Beef, round, bottom round, steak, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.373	0.753
13923	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, select, raw	149.0	1.0 steak (yield from 1 raw steak weighing149g)	0.372	0.751
13890	Beef, round, top round, separable lean only, trimmed to 1/8" fat, choice, cooked, pan-fried	85.0	3.0 oz	0.372	0.751
15239	Fish, salmon, coho, farmed, cooked, dry heat	143.0	1.0 fillet	0.372	1.028
13485	Beef, brisket, flat half, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.371	0.751
23286	Beef, top loin filet, boneless, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	135.0	1.0 fillet	0.371	0.977

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
21114	Fast foods, hamburger; double, large patty; with condiments and vegetables	226.0	1.0 sandwich	0.371	0.746
05157	Quail, meat and skin, raw	109.0	1.0 quail	0.371	0.644
17071	Lamb, New Zealand, imported, fore-shank, separable lean only, cooked, braised	85.0	1.0 serving	0.371	0.924
12008	Seeds, cottonseed flour, low fat (glandless)	28.35	1.0 oz	0.371	0.229
15052	Fish, mackerel, spanish, cooked, dry heat	146.0	1.0 fillet	0.369	1.019
20001	Amaranth grain, uncooked	193.0	1.0 cup	0.369	0.436
08120	Cereals, oats, regular and quick, not fortified, dry	81.0	1.0 cup	0.369	0.168
20083	Wheat flour, white, bread, enriched	137.0	1.0 cup	0.369	0.288
20129	Wheat flours, bread, unenriched	137.0	1.0 cup unsifted, dipped	0.369	0.288
08037	Cereals ready-to-eat, granola, homemade	122.0	1.0 cup	0.368	0.274
05030	Chicken, broilers or fryers, light meat, meat and skin, cooked, fried, batter	113.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.368	0.696
12135	Nuts, mixed nuts, dry roasted, with peanuts, without salt added	131.0	1.0 cup	0.368	0.341
13398	Beef, round, bottom round, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.368	0.743
13950	Beef, brisket, flat half, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.368	0.744
10876	Pork, cured, ham with natural juices, spiral slice, meat only, boneless, separable lean only, heated, roasted	145.0	1.0 slice	0.367	0.783
01115	Whey, sweet, dried	145.0	1.0 cup	0.367	0.349
36048	CARRABBA'S ITALIAN GRILL, spaghetti with pomodoro sauce	489.0	1.0 serving	0.367	0.264
13377	Beef, chuck, arm pot roast, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.366	0.739
13378	Beef, chuck, arm pot roast, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.366	0.739
10988	Pork, fresh, blade, (chops), boneless, separable lean and fat, cooked, broiled	131.0	1.0 chop	0.365	0.888
12011	Seeds, cottonseed meal, partially defatted (glandless)	28.35	1.0 oz	0.365	0.226
17161	Game meat, buffalo, water, cooked, roasted	85.0	3.0 oz	0.365	0.571
13370	Beef, brisket, flat half, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.365	0.736
23285	Beef, top loin filet, boneless, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	135.0	1.0 fillet	0.365	0.975
13410	Beef, round, bottom round, steak, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.363	0.732
16001	Beans, adzuki, mature seeds, raw	197.0	1.0 cup	0.362	0.414
36056	Restaurant, Mexican, cheese tamales	302.0	1.0 serving serving size varied from 1 to 3 tamales	0.362	0.695
15229	Mollusks, cuttlefish, mixed species, cooked, moist heat	85.0	3.0 oz	0.362	0.623
05683	Chicken, dark meat, thigh, meat only, with added solution, cooked, roasted	130.0	1.0 thigh with skin	0.361	0.884
20070	Triticale flour, whole-grain	130.0	1.0 cup	0.361	0.268
17390	Lamb, New Zealand, imported, hind-shank, separable lean only, cooked, braised	85.0	3.0 oz	0.361	0.901

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13369	Beef, brisket, flat half, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.361	0.728
10991	Pork, fresh, loin, country-style ribs, separable lean and fat, boneless, cooked, broiled	122.0	1.0 rack	0.361	0.878
10927	Pork, cured, ham with natural juices, spiral slice, boneless, separable lean and fat, heated, roasted	145.0	1.0 slice	0.361	0.769
16042	Beans, pinto, mature seeds, raw	193.0	1.0 cup	0.361	0.500
13872	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.360	0.727
17048	Lamb, domestic, shoulder, arm, separable lean only, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.360	0.775
13869	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.360	0.725
12151	Nuts, pistachio nuts, raw	123.0	1.0 cup	0.359	0.443
05284	Turkey, canned, meat only, with broth	135.0	1.0 cup, drained	0.359	0.892
13401	Beef, round, bottom round, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.359	0.724
22957	Turkey, stuffing, mashed potatoes w/gravy, assorted vegetables, frozen, microwaved	385.0	1.0 serving	0.358	0.601
13343	Beef, brisket, flat half, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.358	0.722
13326	Beef, variety meats and by-products, liver, cooked, braised	68.0	1.0 slice	0.358	0.516
05094	Chicken, broilers or fryers, thigh, meat and skin, cooked, roasted	137.0	1.0 thigh with skin	0.358	0.863
05316	Duck, young duckling, domesticated, White Pekin, breast, meat only, boneless, cooked without skin, broiled	85.0	3.0 oz	0.357	0.626
21004	Fast foods, biscuit, with egg and ham	182.0	1.0 biscuit	0.357	0.511
21097	Fast foods, cheeseburger; single, large patty; with condiments and bacon	211.0	1.0 item	0.357	0.770
15071	Fish, rockfish, Pacific, mixed species, cooked, dry heat	149.0	1.0 fillet	0.356	1.053
19367	Toppings, nuts in syrup	328.0	1.0 cup	0.354	0.285
13165	Beef, brisket, flat half, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.354	0.713
15040	Fish, herring, Atlantic, cooked, dry heat	143.0	1.0 fillet	0.353	0.975
05091	Chicken, broilers or fryers, thigh, meat and skin, raw	193.0	1.0 thigh with skin	0.353	0.845
17181	Game meat, rabbit, wild, cooked, stewed	85.0	3.0 oz	0.353	0.702
17100	Veal, leg (top round), separable lean only, cooked, braised	85.0	3.0 oz	0.352	0.728
15116	Fish, trout, rainbow, wild, cooked, dry heat	143.0	1.0 fillet	0.352	0.971
05037	Chicken, broilers or fryers, dark meat, meat and skin, cooked, roasted	101.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.351	0.695
10992	Pork, fresh, loin, country-style ribs, separable lean and fat, bone-in, cooked, broiled	122.0	1.0 rack	0.351	0.855
05192	Turkey, all classes, breast, meat and skin, cooked, roasted	112.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.351	0.908
05191	Turkey, all classes, breast, meat and skin, raw	146.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.350	0.899
10138	Pork, cured, ham, extra lean (approximately 4% fat), canned, roasted	140.0	1.0 cup	0.350	0.773

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05158	Quail, meat only, raw	92.0	1.0 quail	0.350	0.634
17393	Lamb, New Zealand, imported, neck chops, separable lean only, cooked, braised	85.0	3.0 oz	0.349	0.870
36620	Restaurant, Chinese, shrimp and vegetables	601.0	1.0 order	0.349	0.914
17325	Lamb, Australian, imported, fresh, shoulder, arm, separable lean only, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.349	0.744
21111	Fast foods, hamburger; double, regular patty; with condiments	215.0	1.0 item	0.348	0.688
21253	BURGER KING, WHOPPER, with cheese	316.0	1.0 item	0.348	0.822
17095	Veal, leg (top round), separable lean and fat, cooked, braised	85.0	3.0 oz	0.347	0.717
17340	Game meat, elk, loin, separable lean only, cooked, broiled	114.0	1.0 steak (yield from 148.1 g raw meat)	0.347	0.868
17382	Lamb, New Zealand, imported, square-cut shoulder chops, separable lean only, cooked, braised	85.0	3.0 oz	0.346	0.861
10185	Pork, cured, ham, extra lean and regular, canned, roasted	140.0	1.0 cup	0.346	0.764
05038	Chicken, broilers or fryers, dark meat, meat and skin, cooked, stewed	110.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.345	0.685
17087	Lamb, New Zealand, imported, frozen, shoulder, whole (arm and blade), separable lean only, cooked, braised	85.0	3.0 oz	0.345	0.743
20035	Quinoa, uncooked	170.0	1.0 cup	0.345	0.525
01020	Cheese, fontina	132.0	1.0 cup, diced	0.345	0.932
13438	Beef, round, top round, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.344	0.786
13436	Beef, round, top round, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.344	0.786
36001	APPLEBEE'S, Double Crunch Shrimp	206.0	1.0 serving	0.344	0.581
20130	Barley flour or meal	148.0	1.0 cup	0.343	0.299
05096	Chicken, broilers or fryers, dark meat, thigh, meat only, raw	149.0	1.0 thigh without skin	0.343	0.837
17333	Game meat, bison, chuck, shoulder clod, separable lean only, cooked, braised	85.0	1.0 serving (3 oz)	0.343	0.777
17126	Veal, shoulder, arm, separable lean only, cooked, braised	85.0	3.0 oz	0.343	0.709
17060	Lamb, domestic, cubed for stew or kabob (leg and shoulder), separable lean only, trimmed to 1/4" fat, cooked, braised	85.0	3.0 oz	0.342	0.735
15131	Fish, whitefish, mixed species, smoked	136.0	1.0 cup, cooked	0.341	0.942
13382	Beef, chuck, blade roast, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.341	0.688
10140	Pork, cured, ham, regular (approximately 13% fat), canned, roasted	140.0	1.0 cup	0.340	0.749
13430	Beef, round, top round, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.339	0.775
13432	Beef, round, top round, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.339	0.775
17069	Lamb, New Zealand, imported, fore-shank, separable lean and fat, cooked, braised	85.0	1.0 serving	0.337	0.842
13456	Beef, top sirloin, steak, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.337	0.682
10949	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, with added solution, raw	146.0	1.0 chop	0.337	0.806

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13814	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, braised	85.0	3.0 oz	0.337	0.678
13893	Beef, round, top round steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.337	0.679
21258	BURGER KING, Premium Fish Sandwich	220.0	1.0 sandwich	0.337	0.515
15215	Fish, shad, american, cooked, dry heat	144.0	1.0 fillet	0.336	0.924
05689	Chicken, dark meat, drumstick, meat and skin, with added solution, cooked, roasted	129.0	1.0 drumstick with skin	0.335	0.820
05098	Chicken, broilers or fryers, thigh, meat only, cooked, roasted	116.0	1.0 thigh without skin	0.335	0.821
13896	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.335	0.676
13454	Beef, top sirloin, steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.335	0.676
13900	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.335	0.677
05159	Quail, breast, meat only, raw	85.0	3.0 oz	0.335	0.609
17141	Veal, cubed for stew (leg and shoulder), separable lean only, cooked, braised	85.0	3.0 oz	0.335	0.693
17171	Game meat, horse, cooked, roasted	85.0	3.0 oz	0.334	0.530
21239	WENDY'S, CLASSIC SINGLE Hamburger, no cheese	218.0	1.0 item	0.334	0.523
17040	Lamb, domestic, shoulder, whole (arm and blade), separable lean only, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.333	0.716
13810	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.333	0.672
13455	Beef, top sirloin, steak, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.332	0.671
17070	Lamb, New Zealand, imported, fore-shank, separable lean only, raw	115.0	1.0 serving	0.332	0.827
15230	Mollusks, octopus, common, cooked, moist heat	85.0	3.0 oz	0.332	0.572
20009	Buckwheat groats, roasted, dry	164.0	1.0 cup	0.331	0.251
17114	Veal, rib, separable lean only, cooked, braised	85.0	3.0 oz	0.331	0.683
21240	WENDY'S, CLASSIC SINGLE Hamburger, with cheese	236.0	1.0 item	0.330	0.590
20080	Wheat flour, whole-grain	120.0	1.0 cup	0.330	0.274
36047	OLIVE GARDEN, spaghetti with pomodoro sauce	478.0	1.0 serving	0.330	0.277
10223	Pork, fresh, loin, tenderloin, separable lean only, cooked, broiled	85.0	3.0 oz	0.330	0.684
13812	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.330	0.666
13899	Beef, round, top round, separable lean and fat, trimmed to 1/8" fat, select, cooked, braised	85.0	3.0 oz	0.329	0.753
17403	Lamb, New Zealand, imported, hind-shank, separable lean and fat, cooked, braised	85.0	3.0 oz	0.329	0.820
21400	Fast foods, cheeseburger; double, regular patty; double decker bun with condiments and special sauce	219.0	1.0 item	0.328	0.526

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17056	Lamb, domestic, shoulder, blade, separable lean only, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.328	0.706
13490	Beef, rib, eye, small end (ribs 10- 12) separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.328	0.662
13892	Beef, round, top round, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.327	0.747
35143	Tortilla, includes plain and from mutton sandwich (Navajo)	197.0	1.0 serving	0.327	0.240
21022	Fast foods, english muffin, with egg, cheese, and sausage	165.0	1.0 item	0.327	0.474
07071	Salami, dry or hard, pork	113.0	1.0 package (4 oz)	0.327	0.531
13368	Beef, brisket, whole, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.326	0.659
05136	Chicken, capons, meat and skin, cooked, roasted	85.0	3.0 oz	0.326	0.658
15204	Fish, pike, walleye, cooked, dry heat	124.0	1.0 fillet	0.326	0.900
05003	Chicken, broilers or fryers, meat and skin and giblets and neck, cooked, fried, flour	85.0	3.0 oz	0.326	0.643
13453	Beef, top sirloin, steak, separable lean and fat, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.326	0.656
17138	Veal, sirloin, separable lean only, cooked, braised	85.0	3.0 oz	0.326	0.673
19059	Snacks, trail mix, regular	150.0	1.0 cup	0.325	0.303
19821	Snacks, trail mix, regular, unsalted	150.0	1.0 cup	0.325	0.303
12130	Nuts, hickorynuts, dried	120.0	1.0 cup	0.325	0.360
14067	Beverages, Protein powder soy based	45.0	1.0 scoop	--	0.325
05008	Chicken, broilers or fryers, meat and skin, cooked, fried, flour	85.0	3.0 oz	0.325	0.648
17179	Game meat, rabbit, domesticated, composite of cuts, cooked, stewed	85.0	3.0 oz	0.325	0.646
13895	Beef, round, top round, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.325	0.742
15197	Fish, herring, Pacific, cooked, dry heat	144.0	1.0 fillet	0.324	0.896
13875	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, braised	85.0	3.0 oz	0.324	0.653
17123	Veal, shoulder, arm, separable lean and fat, cooked, braised	85.0	3.0 oz	0.323	0.667
17120	Veal, shoulder, whole (arm and blade), separable lean only, cooked, braised	85.0	3.0 oz	0.323	0.668
15005	Fish, bluefish, raw	150.0	1.0 fillet	0.322	0.889
13451	Beef, top sirloin, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.322	0.649
17409	Lamb, New Zealand, imported, loin, boneless, separable lean and fat, cooked, fast roasted	85.0	3.0 oz	0.322	0.803
13394	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.322	0.651
17108	Veal, loin, separable lean only, cooked, braised	85.0	3.0 oz	0.322	0.666
10221	Pork, fresh, loin, tenderloin, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.322	0.668
17388	Lamb, New Zealand, imported, loin, boneless, separable lean only, cooked, fast roasted	85.0	3.0 oz	0.322	0.804

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15189	Fish, bluefish, cooked, dry heat	117.0	1.0 fillet	0.322	0.889
17366	Lamb, New Zealand, imported, flap, boneless, separable lean only, raw	113.0	4.0 oz	0.321	0.801
17363	Lamb, New Zealand, imported, chump, boneless, separable lean only, raw	113.0	4.0 oz	0.321	0.799
23380	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.320	0.841
13375	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.320	0.647
13156	Beef, round, full cut, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.320	0.647
23033	Beef, round, knuckle, tip side, steak, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	1.0 serving (3 oz)	0.320	0.647
05134	Chicken, capons, meat and skin and giblets and neck, cooked, roasted	85.0	3.0 oz	0.320	0.640
13228	Beef, shank crosscuts, separable lean only, trimmed to 1/4" fat, choice, cooked, simmered	85.0	3.0 oz	0.320	0.733
16114	Tempeh	166.0	1.0 cup	0.320	0.290
13325	Beef, variety meats and by-products, liver, raw	85.0	3.0 oz	0.320	0.462
10229	Pork, fresh, composite of trimmed retail cuts (loin and shoulder blade), separable lean only, cooked	85.0	3.0 oz	0.320	0.663
10201	Pork, fresh, loin, center rib (chops), boneless, separable lean only, cooked, broiled	85.0	3.0 oz	0.320	0.663
23499	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, select, raw	114.0	4.0 oz	0.319	0.726
23056	Beef, round, knuckle, tip side, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	1.0 serving (3 oz)	0.319	0.643
13452	Beef, top sirloin, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.319	0.643
16077	Lupins, mature seeds, cooked, boiled, without salt	166.0	1.0 cup	0.319	0.183
16377	Lupins, mature seeds, cooked, boiled, with salt	166.0	1.0 cup	0.319	0.183
12120	Nuts, hazelnuts or filberts	115.0	1.0 cup, chopped	0.319	0.254
15178	Mollusks, whelk, unspecified, cooked, moist heat	85.0	3.0 oz	0.318	1.024
17102	Veal, leg (top round), separable lean only, cooked, pan-fried, not breaded	85.0	3.0 oz	0.318	0.658
13055	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, select, cooked, braised	85.0	3.0 oz	0.318	0.641
13420	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.318	0.834
21288	LITTLE CAESARS 14" Original Round Pepperoni Pizza, Regular Crust	90.0	1.0 slice	0.318	0.291
17389	Lamb, New Zealand, imported, loin, boneless, separable lean only, raw	113.0	4.0 oz	0.318	0.792
17410	Lamb, New Zealand, imported, loin, boneless, separable lean and fat, raw	113.0	4.0 oz	0.318	0.790
21008	Fast foods, biscuit, with ham	162.0	1.0 biscuit	0.318	0.468
17074	Lamb, New Zealand, imported, leg chop/steak, bone-in, separable lean only, raw	115.0	1.0 serving	0.317	0.791
17411	Lamb, New Zealand, imported, neck chops, separable lean and fat, cooked, braised	85.0	3.0 oz	0.317	0.791

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13098	Beef, rib, eye, small end (ribs 10-12), separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.317	0.639
13373	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.317	0.641
21095	Fast foods, cheeseburger; double, regular, patty and bun; with condiments and vegetables	228.0	1.0 sandwich	0.317	0.652
05031	Chicken, broilers or fryers, light meat, meat and skin, cooked, fried, flour	78.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.316	0.636
10046	Pork, fresh, loin, center rib (chops), bone-in, separable lean and fat, cooked, broiled	112.0	1.0 chop without refuse (Yield from 1 cooked chop, with refuse, weighing 172g)	0.316	0.754
17204	Veal, variety meats and by-products, liver, cooked, pan-fried	67.0	1.0 slice	0.316	0.477
17247	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.315	0.678
10089	Pork, fresh, spareribs, separable lean and fat, cooked, braised	85.0	3.0 oz	0.315	0.654
23660	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.314	0.634
13897	Beef, round, top round, separable lean and fat, trimmed to 1/8" fat, choice, cooked, pan-fried	85.0	3.0 oz	0.314	0.718
15206	Fish, pout, ocean, cooked, dry heat	137.0	0.5 fillet	0.314	0.864
17132	Veal, shoulder, blade, separable lean only, cooked, braised	85.0	3.0 oz	0.314	0.648
17359	Lamb, New Zealand, imported, breast, separable lean only, cooked, braised	85.0	3.0 oz	0.314	0.781
23166	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.314	0.823
36026	CRACKER BARREL, onion rings, thick-cut	261.0	1.0 serving	0.313	0.209
05029	Chicken, broilers or fryers, light meat, meat and skin, raw	116.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.313	0.628
21005	Fast Foods, biscuit, with egg and sausage	162.0	1.0 item	0.313	0.356
05033	Chicken, broilers or fryers, light meat, meat and skin, cooked, stewed	90.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.312	0.629
10203	Pork, fresh, loin, center rib (roasts), boneless, separable lean only, cooked, roasted	85.0	3.0 oz	0.312	0.649
17159	Game meat, boar, wild, cooked, roasted	85.0	3.0 oz	0.312	0.592
10044	Pork, fresh, loin, center rib (chops or roasts), bone-in, separable lean and fat, raw	133.0	1.0 chop without refuse (Yield from 1 raw chop, with refuse, weighing 201g)	0.311	0.743
10979	Pork, ground, 96% lean / 4% fat, cooked, pan-broiled	85.0	3.0 oz grilled patties	0.311	0.719
17279	Veal, shank (fore and hind), separable lean only, cooked, braised	85.0	3.0 oz	0.311	0.640
17111	Veal, rib, separable lean and fat, cooked, braised	85.0	3.0 oz	0.311	0.643
17384	Lamb, New Zealand, imported, tenderloin, separable lean only, cooked, fast fried	85.0	3.0 oz	0.311	0.775
01212	Milk, dry, whole, without added vitamin D	128.0	1.0 cup	0.311	0.845
36036	Restaurant, family style, onion rings	259.0	1.0 serving	0.311	0.189
17082	Lamb, New Zealand, imported, rack - partly frenched, separable lean only, raw	115.0	1.0 serving	0.310	0.775
17418	Lamb, New Zealand, imported, tenderloin, separable lean and fat, cooked, fast fried	85.0	3.0 oz	0.310	0.773
10027	Pork, fresh, loin, whole, separable lean only, cooked, roasted	85.0	3.0 oz	0.310	0.644

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10116	Pork, fresh, variety meats and by-products, pancreas, cooked, braised	85.0	3.0 oz	0.310	0.399
17178	Game meat, rabbit, domesticated, composite of cuts, cooked, roasted	85.0	3.0 oz	0.310	0.618
13878	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.310	0.626
17365	Lamb, New Zealand, imported, flap, boneless, separable lean only, cooked, braised	85.0	3.0 oz	0.310	0.774
13414	Beef, round, bottom round roast, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.310	0.626
15152	Crustaceans, shrimp, mixed species, canned	128.0	1.0 cup	0.310	0.713
17381	Lamb, New Zealand, imported, tunnel-boned leg, chump off, shank off, separable lean only, raw	113.0	4.0 oz	0.310	0.772
10025	Pork, fresh, loin, whole, separable lean only, cooked, braised	85.0	3.0 oz	0.309	0.643
10026	Pork, fresh, loin, whole, separable lean only, cooked, broiled	85.0	3.0 oz	0.309	0.643
17044	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.309	0.663
13882	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.309	0.623
17387	Lamb, New Zealand, imported, loin saddle, separable lean only, raw	113.0	4.0 oz	0.308	0.768
20523	Spaghetti, protein-fortified, cooked, enriched (n x 6.25)	140.0	1.0 cup	0.308	0.181
20622	Spaghetti, protein-fortified, dry, enriched (n x 6.25)	57.0	2.0 oz	0.308	0.181
13405	Beef, round, bottom round, roast, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.308	0.621
13880	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.308	0.621
13069	Beef, flank, steak, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.308	0.620
17117	Veal, shoulder, whole (arm and blade), separable lean and fat, cooked, braised	85.0	3.0 oz	0.308	0.636
21393	Fast foods, hamburger; single, regular patty; double decker bun with condiments and special sauce	205.0	1.0 item	0.308	0.430
12061	Nuts, almonds	143.0	1.0 cup, whole	0.307	0.225
13932	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.307	0.620
23052	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	1.0 serving (3 oz)	0.307	0.620
23655	Beef, flank, steak, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.307	0.619
10118	Pork, fresh, variety meats and by-products, spleen, cooked, braised	85.0	3.0 oz	0.307	0.445
13951	Beef, rib eye, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.307	0.619
10137	Pork, cured, ham, extra lean (approximately 4% fat), canned, unheated	140.0	1.0 cup	0.307	0.675
17369	Lamb, New Zealand, imported, liver, raw	113.0	4.0 oz	0.306	0.763

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10947	Pork, fresh, loin, top loin (chops), boneless, separable lean only, with added solution, cooked, broiled	107.0	1.0 chop	0.306	0.731
17336	Game meat, bison, top round, separable lean only, 1" steak, cooked, broiled	85.0	1.0 serving (3 oz)	0.306	0.694
17091	Veal, composite of trimmed retail cuts, separable lean only, cooked	85.0	3.0 oz	0.306	0.632
17425	Veal, leg, top round, cap off, cutlet, boneless, cooked, grilled	85.0	3.0 oz	0.306	0.632
23654	Beef, flank, steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.306	0.617
10094	Pork, fresh, loin, center loin (chops), boneless, separable lean only, raw	114.0	4.0 oz	0.306	0.742
17398	Lamb, New Zealand, imported, loin chop, separable lean only, cooked, fast fried	85.0	3.0 oz	0.305	0.761
13949	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.305	0.615
13070	Beef, flank, steak, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.305	0.615
13491	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.305	0.808
17383	Lamb, New Zealand, imported, square-cut shoulder chops, separable lean only, raw	113.0	4.0 oz	0.305	0.760
17397	Lamb, New Zealand, imported, rack - fully frenched, separable lean only, raw	113.0	4.0 oz	0.305	0.759
20105	Macaroni, vegetable, enriched, dry	84.0	1.0 cup spiral shaped	0.305	0.171
05004	Chicken, broilers or fryers, meat and skin and giblets and neck, roasted	85.0	3.0 oz	0.304	0.601
17097	Veal, leg (top round), separable lean and fat, cooked, pan-fried, not breaded	85.0	3.0 oz	0.304	0.630
17027	Lamb, domestic, loin, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.304	0.655
13408	Beef, round, bottom round, roast, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.304	0.615
05032	Chicken, broilers or fryers, light meat, meat and skin, cooked, roasted	79.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.304	0.613
35145	Stew, hominy with mutton (Navajo)	411.0	1.0 serving	0.304	0.645
17392	Lamb, New Zealand, imported, neck chops, separable lean only, raw	113.0	4.0 oz	0.304	0.757
17385	Lamb, New Zealand, imported, tenderloin, separable lean only, raw	113.0	4.0 oz	0.304	0.757
21458	POPEYES, Fried Chicken, Mild, Thigh, meat and skin with breading	138.0	1.0 thigh with skin	0.304	0.380
13948	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.303	0.612
23393	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.303	0.796
13425	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.303	0.613
05124	Chicken, stewing, meat and skin, cooked, stewed	85.0	3.0 oz	0.303	0.609
17348	Game meat, deer, top round, separable lean only, 1" steak, cooked, broiled	102.0	1.0 steak (yield from 134.9 g raw meat)	0.303	0.758
17323	Lamb, Australian, imported, fresh, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.303	0.646
10200	Pork, fresh, loin, center rib (chops), boneless, separable lean only, cooked, braised	85.0	3.0 oz	0.303	0.629
13806	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.303	0.609

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13450	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.303	0.795
15188	Fish, bass, striped, cooked, dry heat	124.0	1.0 fillet	0.303	0.835
21440	KFC, Fried Chicken, EXTRA CRISPY, Thigh, meat and skin with breading	152.0	1.0 thigh, with skin	0.302	0.378
17068	Lamb, New Zealand, imported, fore-shank, separable lean and fat, raw	115.0	1.0 serving	0.302	0.753
11450	Soybeans, green, raw	256.0	1.0 cup	0.302	0.402
13424	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.302	0.609
23383	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.302	0.793
23064	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	1.0 serving (3 oz)	0.302	0.609
13067	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.302	0.609
13388	Beef, rib, large end (ribs 6-9), separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.302	0.609
17423	Lamb, New Zealand, imported, tenderloin, separable lean and fat, raw	113.0	4.0 oz	0.302	0.754
17391	Lamb, New Zealand, imported, hind-shank, separable lean only, raw	113.0	4.0 oz	0.302	0.753
15148	Crustaceans, lobster, northern, cooked, moist heat	145.0	1.0 cup	0.302	0.689
21007	Fast foods, biscuit, with egg, cheese, and bacon	145.0	1.0 item	0.302	0.428
17078	Lamb, New Zealand, imported, loin chop, separable lean only, raw	115.0	1.0 serving	0.301	0.750
13399	Beef, round, bottom round, roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.301	0.607
36406	Restaurant, Latino, Arroz con habichuelas colorados (Rice And Red Beans)	590.0	1.0 serving	0.301	0.389
17371	Lamb, New Zealand, imported, ground lamb, raw	113.0	4.0 oz	0.301	0.749
17135	Veal, sirloin, separable lean and fat, cooked, braised	85.0	3.0 oz	0.300	0.620
17065	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean only, cooked	85.0	3.0 oz	0.300	0.645
17129	Veal, shoulder, blade, separable lean and fat, cooked, braised	85.0	3.0 oz	0.300	0.620
10976	Pork, ground, 96% lean / 4% fat, cooked, crumbles	85.0	3.0 oz grilled patties	0.300	0.694
23260	Beef, loin, top sirloin petite roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.300	0.788
13426	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.300	0.606
10202	Pork, fresh, loin, center rib (chops), boneless, separable lean only, cooked, pan-fried	85.0	3.0 oz	0.300	0.623
13876	Beef, round, bottom round, roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.300	0.604
36615	DENNY'S, top sirloin steak	107.0	1.0 steak	0.300	0.793

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13870	Beef, round, bottom round, roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.299	0.604
13952	Beef, rib eye, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.299	0.603
17243	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.299	0.643
05074	Chicken, broilers or fryers, drumstick, meat only, cooked, stewed	85.0	3.0 oz	0.299	0.647
13391	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.299	0.603
23184	Beef, rib, back ribs, bone-in, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.299	0.786
13857	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.298	0.602
23050	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	1.0 serving (3 oz)	0.298	0.603
17265	Lamb, New Zealand, imported, frozen, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.298	0.642
13411	Beef, round, bottom round, roast, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.298	0.603
17415	Lamb, New Zealand, imported, square-cut shoulder chops, separable lean and fat, cooked, braised	85.0	3.0 oz	0.298	0.743
10962	Pork, Leg sirloin tip roast, boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.298	0.725
17335	Game meat, bison, ribeye, separable lean only, 1" steak, cooked, broiled	85.0	1.0 serving (3 oz)	0.298	0.677
23649	Beef, bottom sirloin, tri-tip roast, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.298	0.601
17395	Lamb, New Zealand, imported, netted shoulder, rolled, boneless, separable lean only, raw	113.0	4.0 oz	0.298	0.745
10974	Pork, ground, 72% lean / 28% fat, cooked, crumbles	113.0	4.0 oz	0.298	0.689
21287	LITTLE CAESARS 14" Original Round Cheese Pizza, Regular Crust	89.0	1.0 slice	0.298	0.267
13873	Beef, round, bottom round, roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.298	0.601
13902	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0	3.0 oz	0.298	0.680
13935	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.298	0.600
17079	Lamb, New Zealand, imported, frozen, loin, separable lean only, cooked, broiled	85.0	3.0 oz	0.298	0.639
10057	Pork, fresh, loin, sirloin (chops), bone-in, separable lean only, cooked, braised	85.0	3.0 oz	0.298	0.722
10184	Pork, cured, ham, extra lean and regular, canned, unheated	140.0	1.0 cup	0.297	0.655
17086	Lamb, New Zealand, imported, square-cut shoulder, separable lean only, raw	115.0	1.0 serving	0.297	0.739

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23149	Beef, rib eye steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.297	0.779
23178	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.297	0.779
05148	Goose, domesticated, meat only, raw	85.0	3.0 oz	0.297	0.523
13422	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.297	0.598
07013	Bratwurst, pork, cooked	85.0	1.0 link cooked	0.297	0.615
13366	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, select, cooked	85.0	3.0 oz	0.297	0.741
16122	Soy protein isolate	28.35	1.0 oz	0.297	0.320
16422	Soy protein isolate, potassium type	28.35	1.0 oz	0.297	0.320
21390	Fast foods, hamburger; single, large patty; with condiments, vegetables and mayonnaise	247.0	1.0 item	0.296	0.553
36015	Restaurant, family style, chicken fingers, from kid's menu	114.0	1.0 serving	0.296	0.592
23496	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, select, raw	114.0	4.0 oz	0.296	0.747
21006	Fast foods, biscuit with egg and steak	148.0	1.0 biscuit	0.296	0.460
13930	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.296	0.597
21436	KFC, Fried Chicken, ORIGINAL RECIPE, Thigh, meat and skin with breading	135.0	1.0 thigh, with skin	0.296	0.370
12563	Nuts, almonds, dry roasted, with salt added	138.0	1.0 cup whole kernels	0.295	0.214
12063	Nuts, almonds, dry roasted, without salt added	138.0	1.0 cup whole kernels	0.295	0.214
23490	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, choice, raw	114.0	4.0 oz	0.295	0.668
05071	Chicken, broilers or fryers, dark meat, drumstick, meat only, raw	130.0	1.0 drumstick with skin	0.295	0.722
13492	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.295	0.785
13332	Beef, variety meats and by-products, pancreas, cooked, braised	85.0	3.0 oz	0.295	0.416
23046	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.295	0.595
21018	Fast foods, egg, scrambled	96.0	2.0 eggs	0.295	0.410
10950	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, with added solution, cooked, broiled	107.0	1.0 chop	0.294	0.702
10196	Pork, fresh, loin, center rib (chops), boneless, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.294	0.608
13421	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.294	0.593
23092	Beef, chuck for stew, separable lean and fat, choice, cooked, braised	85.0	3.0 oz	0.294	0.805
23161	Beef, rib eye roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.294	0.772

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13367	Beef, brisket, whole, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.294	0.593
21003	Fast foods, biscuit, with egg and bacon	150.0	1.0 biscuit	0.294	0.422
17420	Lamb, New Zealand, imported, rack - fully frenched, separable lean and fat, raw	113.0	4.0 oz	0.294	0.733
23172	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.293	0.769
13985	Beef, loin, bottom sirloin butt, tri-tip roast, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	1.0 serving	0.293	0.592
13402	Beef, round, bottom round, roast, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.293	0.592
23090	Beef, chuck for stew, separable lean and fat, all grades, cooked, braised	85.0	3.0 oz	0.293	0.803
17251	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.293	0.631
10023	Pork, fresh, loin, whole, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.292	0.606
17275	Veal, breast, whole, boneless, separable lean only, cooked, braised	85.0	3.0 oz	0.292	0.602
23498	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, select, cooked	85.0	3.0 oz	0.292	0.657
10198	Pork, fresh, loin, center rib (roasts), boneless, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.292	0.608
17400	Lamb, New Zealand, imported, leg chop/steak, bone-in, separable lean only, cooked, fast fried	85.0	3.0 oz	0.292	0.729
10022	Pork, fresh, loin, whole, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.292	0.605
17372	Lamb, New Zealand, imported, heart, cooked, soaked and simmered	85.0	3.0 oz	0.292	0.728
23091	Beef, chuck for stew, separable lean and fat, select, cooked, braised	85.0	3.0 oz	0.292	0.801
21113	Fast foods, hamburger; single, large patty; with condiments and vegetables	218.0	1.0 sandwich	0.292	0.541
05678	Chicken, dark meat, drumstick, meat only, with added solution, raw	143.0	1.0 drumstick with skin	0.292	0.716
13096	Beef, rib, eye, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.292	0.588
10021	Pork, fresh, loin, whole, separable lean and fat, cooked, braised	85.0	3.0 oz	0.292	0.602
23048	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.292	0.589
10217	Pork, fresh, loin, sirloin (roasts), boneless, separable lean only, cooked, roasted	85.0	3.0 oz	0.292	0.708
13423	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.292	0.588
23252	Beef, top loin petite roast, boneless, separable lean only, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.292	0.765
05692	Chicken, dark meat, thigh, meat and skin, with added solution, cooked, roasted	130.0	1.0 thigh with skin	0.291	0.712
15137	Crustaceans, crab, alaska king, cooked, moist heat	134.0	1.0 leg	0.291	0.730
17036	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.291	0.626

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13364	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, all grades, cooked	85.0	3.0 oz	0.291	0.728
23070	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.291	0.796
23277	Beef, ribeye petite roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.291	0.762
23243	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.290	0.762
13918	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.290	0.586
23378	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.290	0.767
13910	Beef, loin, top loin, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.290	0.585
17105	Veal, loin, separable lean and fat, cooked, braised	85.0	3.0 oz	0.290	0.598
10041	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, cooked, braised	85.0	3.0 oz	0.290	0.704
10086	Pork, fresh, shoulder, blade, boston (steaks), separable lean only, cooked, broiled	85.0	3.0 oz	0.290	0.602
23097	Beef, chuck, under blade steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.290	0.793
13957	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.290	0.585
13914	Beef, loin, top loin, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.290	0.584
17052	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/4" fat, choice, cooked, braised	85.0	3.0 oz	0.289	0.622
23647	Beef, bottom sirloin, tri-tip roast, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.289	0.583
13969	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.289	0.762
17101	Veal, leg (top round), separable lean only, cooked, pan-fried, breaded	85.0	3.0 oz	0.289	0.558
10079	Pork, fresh, shoulder, arm picnic, separable lean only, cooked, roasted	85.0	3.0 oz	0.289	0.600
17089	Veal, composite of trimmed retail cuts, separable lean and fat, cooked	85.0	3.0 oz	0.289	0.597
36016	Restaurant, family style, shrimp, breaded and fried	169.0	1.0 serving	0.289	0.522
17215	Lamb, variety meats and by-products, spleen, cooked, braised	85.0	3.0 oz	0.288	0.428
23060	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	1.0 serving (3 oz)	0.288	0.582
17461	Lamb, Australian, imported, fresh, rib chop, frenched, denuded, bone-in, separable lean only, trimmed to 0" fat, cooked, grilled	85.0	3.0 oz	0.288	0.681
23058	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	1.0 serving (3 oz)	0.288	0.582

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23491	Beef composite, separable lean only, trimmed to 1/8" fat, choice, cooked	85.0	3.0 oz	0.288	0.651
05156	Pheasant, leg, meat only, raw	99.0	1.0 unit (yield from 1 lb ready-to-eat pheasant)	0.288	0.640
05672	Chicken, broilers or fryers, dark meat, thigh, meat only, cooked, braised	111.0	1.0 thigh without skin	0.287	0.673
13444	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.287	0.754
23082	Beef, shoulder pot roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.287	0.786
17014	Lamb, domestic, leg, whole (shank and sirloin), separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.287	0.617
13912	Beef, short loin, top loin, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.287	0.579
17165	Game meat, deer, cooked, roasted	85.0	3.0 oz	0.287	0.633
17022	Lamb, domestic, leg, sirloin half, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.287	0.619
17368	Lamb, New Zealand, imported, liver, cooked, soaked and fried	85.0	3.0 oz	0.287	0.716
12033	Seeds, sesame flour, low-fat	28.35	1.0 oz	0.287	0.469
15224	Fish, wolffish, Atlantic, cooked, dry heat	119.0	0.5 fillet	0.287	0.790
17004	Lamb, domestic, composite of trimmed retail cuts, separable lean only, trimmed to 1/4" fat, choice, cooked	85.0	3.0 oz	0.286	0.615
13418	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.286	0.759
17085	Lamb, New Zealand, imported, frozen, shoulder, whole (arm and blade), separable lean and fat, cooked, braised	85.0	3.0 oz	0.286	0.615
23158	Beef, rib eye steak, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.286	0.751
10948	Pork, fresh, loin, top loin (chops), boneless, separable lean only, with added solution, raw	114.0	4.0 oz	0.286	0.684
22401	Spaghetti with meat sauce, frozen entree	283.0	1.0 serving	0.286	0.207
17427	Veal, loin, chop, separable lean only, cooked, grilled	85.0	3.0 oz	0.286	0.590
05083	Chicken, broilers or fryers, leg, meat only, cooked, stewed	85.0	3.0 oz	0.286	0.618
23038	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	1.0 serving (3 oz)	0.286	0.577
17018	Lamb, domestic, leg, shank half, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.286	0.615
05746	Chicken, broiler or fryers, breast, skinless, boneless, meat only, cooked, braised	85.0	3.0 oz	0.286	0.709
16136	Winged beans, mature seeds, cooked, boiled, without salt	172.0	1.0 cup	0.286	0.187
16436	Winged beans, mature seeds, cooked, boiled, with salt	172.0	1.0 cup	0.286	0.187
36050	Restaurant, Mexican, cheese enchilada	244.0	1.0 serving serving size varied from 1 to 3 enchiladas	0.285	0.747

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10204	Pork, fresh, loin, country-style ribs, separable lean and fat, raw	128.0	1.0 rib without refuse (Yield from 1 raw rib, with refuse, weighing 196g)	0.285	0.682
15217	Fish, sucker, white, cooked, dry heat	124.0	1.0 fillet	0.285	0.789
10960	Pork, shoulder, petite tender, boneless, separable lean and fat, cooked, broiled	92.0	1.0 piece	0.285	0.693
05058	Chicken, broilers or fryers, breast, meat and skin, cooked, fried, batter	84.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.285	0.552
15159	Mollusks, clam, mixed species, cooked, moist heat	85.0	3.0 oz	0.285	0.490
17346	Game meat, deer, shoulder clod, separable lean only, cooked, braised	85.0	1.0 serving (3 oz)	0.285	0.711
23083	Beef, shoulder pot roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.285	0.780
17061	Lamb, domestic, cubed for stew or kabob (leg and shoulder), separable lean only, trimmed to 1/4" fat, cooked, broiled	85.0	3.0 oz	0.285	0.612
22529	Beef Pot Pie, frozen entree, prepared	268.0	1.0 pie, cooked (average weight)	0.284	0.356
10093	Pork, fresh, composite of trimmed retail cuts (leg, loin, and shoulder), separable lean only, cooked	85.0	3.0 oz	0.284	0.632
23098	Beef, chuck, under blade steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.284	0.777
05663	Ground turkey, fat free, pan-broiled crumbles	85.0	3.0 oz	0.284	0.791
13851	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.284	0.572
17386	Lamb, New Zealand, imported, loin saddle, separable lean only, cooked, fast roasted	85.0	3.0 oz	0.284	0.708
10213	Pork, fresh, loin, sirloin (roasts), boneless, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.284	0.690
23071	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.284	0.779
17332	Game meat , bison, top sirloin, separable lean only, 1" steak, cooked, broiled	85.0	1.0 serving (3 oz)	0.284	0.645
15233	Fish, catfish, channel, wild, cooked, dry heat	143.0	1.0 fillet	0.283	0.782
05076	Chicken, broilers or fryers, leg, meat and skin, cooked, fried, batter	95.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.283	0.545
17301	Lamb, Australian, imported, fresh, leg, sirloin half, boneless, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.283	0.603
10176	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, cooked, pan-fried	85.0	3.0 oz	0.283	0.689
13959	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.283	0.751
23081	Beef, shoulder pot roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.283	0.777
20446	Rice, white, long-grain, parboiled, unenriched, dry	185.0	1.0 cup	0.283	0.339
20046	Rice, white, long-grain, parboiled, enriched, dry	185.0	1.0 cup	0.283	0.339
23377	Beef, loin, tenderloin roast, separable lean only, boneless, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.282	0.740
20314	Corn grain, white	166.0	1.0 cup	0.282	0.327

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
20014	Corn grain, yellow	166.0	1.0 cup	0.282	0.327
17305	Lamb, Australian, imported, fresh, leg, sirloin chops, boneless, separable lean only, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.282	0.601
13968	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.281	0.753
17049	Lamb, domestic, shoulder, arm, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.281	0.604
13955	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.281	0.568
17380	Lamb, New Zealand, imported, tunnel-boned leg, chump off, shank off, separable lean only, cooked, slow roasted	85.0	3.0 oz	0.281	0.701
05117	Chicken, roasting, light meat, meat only, raw	99.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.281	0.608
17072	Lamb, New Zealand, imported, leg chop/steak, bone-in, separable lean and fat, raw	115.0	1.0 serving	0.281	0.699
17075	Lamb, New Zealand, imported, frozen, leg, whole (shank and sirloin), separable lean only, cooked, roasted	85.0	3.0 oz	0.280	0.603
17289	Lamb, Australian, imported, fresh, foreshank, separable lean only, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.280	0.598
10058	Pork, fresh, loin, sirloin (chops), bone-in, separable lean only, cooked, broiled	85.0	3.0 oz	0.280	0.683
17316	Lamb, Australian, imported, fresh, rib chop/rack roast, frenched, bone-in, separable lean only, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.280	0.663
15235	Fish, catfish, channel, farmed, cooked, dry heat	143.0	1.0 fillet	0.280	0.771
05043	Chicken, broilers or fryers, dark meat, meat only, raw	109.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.280	0.606
23069	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.280	0.767
23162	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.280	0.740
17317	Lamb, Australian, imported, fresh, rib chop, frenched, bone-in, separable lean only, trimmed to 1/8" fat, cooked, grilled	85.0	3.0 oz	0.280	0.660
23096	Beef, chuck, under blade steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.280	0.766
13483	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.280	0.734
10195	Pork, fresh, loin, center rib (chops), boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.280	0.578
17429	Veal, foreshank, osso buco, separable lean only, cooked, braised	85.0	3.0 oz	0.280	0.578
17394	Lamb, New Zealand, imported, netted shoulder, rolled, boneless, separable lean only, cooked, slow roasted	85.0	3.0 oz	0.280	0.697
05137	Chicken, capons, giblets, raw	115.0	1.0 giblets	0.279	0.520
05069	Chicken, broilers or fryers, drumstick, meat and skin, cooked, roasted	105.0	1.0 drumstick with skin (yield from 1 lb ready-to-cook chicken)	0.279	0.677

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
19062	Snacks, trail mix, regular, with chocolate chips, salted nuts and seeds	146.0	1.0 cup	0.279	0.317
19822	Snacks, trail mix, regular, with chocolate chips, unsalted nuts and seeds	146.0	1.0 cup	0.279	0.317
17399	Lamb, New Zealand, imported, square-cut shoulder, separable lean only, cooked, slow roasted	85.0	3.0 oz	0.279	0.695
10220	Pork, fresh, ground, cooked	85.0	3.0 oz	0.279	0.578
17445	Lamb, Australian, imported, fresh, leg, trotter off, bone-in, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.279	0.659
17293	Lamb, Australian, imported, fresh, leg, whole (shank and sirloin), separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.279	0.594
13158	Beef, round, full cut, separable lean only, trimmed to 1/4" fat, select, cooked, broiled	85.0	3.0 oz	0.279	0.637
17096	Veal, leg (top round), separable lean and fat, cooked, pan-fried, breaded	85.0	3.0 oz	0.279	0.536
22958	Rice bowl with chicken, frozen entree, prepared (includes fried, teriyaki, and sweet and sour varieties)	340.0	1.0 bowl	0.279	0.456
20088	Wild rice, raw	160.0	1.0 cup	0.278	0.701
23133	Beef, shoulder pot roast, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.278	0.752
10049	Pork, fresh, loin, center rib (chops), bone-in, separable lean only, cooked, braised	85.0	3.0 oz	0.278	0.677
13493	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.278	0.736
13365	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, choice, cooked	85.0	3.0 oz	0.278	0.706
05005	Chicken, broilers or fryers, meat and skin and giblets and neck, stewed	85.0	3.0 oz	0.278	0.551
23381	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.278	0.737
13384	Beef, chuck, under blade pot roast, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.278	0.761
13469	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.278	0.730
17342	Game meat, elk, tenderloin, separable lean only, cooked, broiled	92.0	1.0 steak (yield from 123.5 g raw meat)	0.278	0.695
23044	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	1.0 serving (3 oz)	0.277	0.560
10082	Pork, fresh, shoulder, blade, boston (steaks), separable lean and fat, cooked, broiled	85.0	3.0 oz	0.277	0.575
23131	Beef, shoulder pot roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.277	0.749
05348	Chicken, broilers or fryers, breast, meat and skin, cooked, rotisserie, original seasoning	85.0	1.0 serving (3 oz)	0.277	0.774
17297	Lamb, Australian, imported, fresh, leg, shank half, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.277	0.592
10053	Pork, fresh, loin, sirloin (chops), bone-in, separable lean and fat, cooked, braised	85.0	3.0 oz	0.276	0.672

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10015	Pork, fresh, leg (ham), rump half, separable lean only, cooked, roasted	85.0	3.0 oz	0.276	0.672
23147	Beef, rib eye roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.276	0.726
10177	Pork, fresh, loin, center rib (chops), bone-in, separable lean only, cooked, pan-fried	85.0	3.0 oz	0.276	0.672
10051	Pork, fresh, loin, center rib (roasts), bone-in, separable lean only, cooked, roasted	85.0	3.0 oz	0.276	0.672
23350	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.276	0.728
13285	Beef, chuck, under blade pot roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.276	0.757
23132	Beef, shoulder pot roast, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.276	0.747
10973	Pork, ground, 96% lean / 4% fat, raw	113.0	4.0 oz	0.276	0.637
13448	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.275	0.728
13383	Beef, chuck, under blade pot roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.275	0.755
17041	Lamb, domestic, shoulder, whole (arm and blade), separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.275	0.592
10215	Pork, fresh, loin, sirloin (chops), boneless, separable lean only, cooked, braised	85.0	3.0 oz	0.275	0.670
05066	Chicken, broilers or fryers, drumstick, meat and skin, raw	133.0	1.0 drumstick with skin	0.275	0.668
36604	CRACKER BARREL, chicken tenderloin platter, fried, from kid's menu	103.0	1.0 serving	0.275	0.541
36609	CRACKER BARREL, macaroni n' cheese plate, from kid's menu	257.0	1.0 serving	0.275	0.465
17169	Game meat, goat, cooked, roasted	85.0	3.0 oz	0.275	0.617
13363	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, select, cooked	85.0	3.0 oz	0.275	0.671
10019	Pork, fresh, leg (ham), shank half, separable lean only, cooked, roasted	85.0	3.0 oz	0.275	0.668
20481	Wheat flour, white, all-purpose, unenriched	125.0	1.0 cup	0.274	0.229
20381	Wheat flour, white, all-purpose, enriched, calcium-fortified	125.0	1.0 cup	0.274	0.229
20081	Wheat flour, white, all-purpose, enriched, bleached	125.0	1.0 cup	0.274	0.229
20581	Wheat flour, white, all-purpose, enriched, unbleached	125.0	1.0 cup	0.274	0.229
23545	Beef, loin, bottom sirloin butt, tri-tip steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.274	0.722
10216	Pork, fresh, loin, sirloin (chops), boneless, separable lean only, cooked, broiled	85.0	3.0 oz	0.274	0.666
10043	Pork, fresh, loin, center loin (roasts), bone-in, separable lean only, cooked, roasted	85.0	3.0 oz	0.274	0.666
10197	Pork, fresh, loin, center rib (chops), boneless, separable lean and fat, cooked, pan-fried	85.0	3.0 oz	0.274	0.565
17257	Lamb, New Zealand, imported, frozen, foreshank, separable lean and fat, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.274	0.588

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13933	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, pan-fried	85.0	3.0 oz	0.274	0.626
13417	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.274	0.722
17422	Lamb, New Zealand, imported, tunnel-boned leg, chump off, shank off, separable lean and fat, raw	113.0	4.0 oz	0.273	0.681
15118	Fish, tuna, fresh, bluefin, cooked, dry heat	85.0	3.0 oz	0.273	0.752
10059	Pork, fresh, loin, sirloin (roasts), bone-in, separable lean only, cooked, roasted	85.0	3.0 oz (Yield from 1 cooked roast, with refuse, weighing 1515g)	0.273	0.650
10959	Pork, Shoulder breast, boneless, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.273	0.663
17283	Lamb, Australian, imported, fresh, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, cooked	85.0	3.0 oz	0.273	0.581
17309	Lamb, Australian, imported, fresh, leg, center slice, bone-in, separable lean only, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.273	0.582
05110	Chicken, roasting, meat and skin and giblets and neck, cooked, roasted	85.0	3.0 oz	0.273	0.537
21266	TACO BELL, BURRITO SUPREME with chicken	248.0	1.0 item	0.273	0.441
21267	TACO BELL, BURRITO SUPREME with steak	248.0	1.0 item	0.273	0.409
35146	Stew, mutton, corn, squash (Navajo)	303.0	1.0 serving	0.273	0.639
17080	Lamb, New Zealand, imported, rack - partly frenched, separable lean and fat, raw	115.0	1.0 serving	0.273	0.680
17443	Lamb, Australian, imported, fresh, tenderloin, boneless, separable lean only, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.272	0.645
17404	Lamb, New Zealand, imported, hind-shank, separable lean and fat, raw	113.0	4.0 oz	0.272	0.678
05112	Chicken, roasting, meat and skin, cooked, roasted	85.0	3.0 oz	0.272	0.541
05160	Squab, (pigeon), meat and skin, raw	85.0	3.0 oz	0.272	0.469
05747	Chicken, broiler or fryers, breast, skinless, boneless, meat only, cooked, grilled	85.0	3.0 oz	0.272	0.675
17200	Lamb, variety meats and by-products, liver, cooked, braised	85.0	3.0 oz	0.272	0.564
05155	Pheasant, breast, meat only, raw	85.0	3.0 oz	0.272	0.603
10211	Pork, fresh, loin, sirloin (chops), boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.272	0.662
17083	Lamb, New Zealand, imported, rack - partly frenched, separable lean only, cooked, fast roasted	85.0	1.0 serving	0.272	0.677
17274	Veal, breast, point half, boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.272	0.560
23379	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.272	0.726
05073	Chicken, broilers or fryers, dark meat, drumstick, meat only, cooked, roasted	96.0	1.0 drumstick without skin	0.272	0.665
15147	Crustaceans, lobster, northern, raw	150.0	1.0 lobster	0.271	0.619
23309	Beef, Australian, imported, grass-fed, round, top round cap-off steak/roast, boneless, separable lean only, raw	114.0	4.0 oz	0.271	0.744
36006	T.G.I. FRIDAY'S, FRIDAY'S Shrimp, breaded	175.0	1.0 serving	0.271	0.556

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05119	Chicken, roasting, dark meat, meat only, raw	113.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.271	0.586
17360	Lamb, New Zealand, imported, breast, separable lean only, raw	113.0	4.0 oz	0.271	0.675
23259	Beef, loin, top sirloin petite roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.271	0.719
17233	Lamb, domestic, leg, shank half, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.271	0.583
17396	Lamb, New Zealand, imported, rack - fully frenched, separable lean only, cooked, fast roasted	85.0	3.0 oz	0.271	0.677
23394	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.271	0.717
23042	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	1.0 serving (3 oz)	0.271	0.547
10212	Pork, fresh, loin, sirloin (chops), boneless, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.270	0.657
10945	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean only, with added solution cooked, braised	85.0	3.0 oz	0.270	0.646
17405	Lamb, New Zealand, imported, leg chop/steak, bone-in, separable lean and fat, cooked, fast fried	85.0	3.0 oz	0.270	0.673
10037	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, cooked, braised	85.0	3.0 oz	0.270	0.657
17313	Lamb, Australian, imported, fresh, loin, separable lean only, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.270	0.577
17460	Lamb, Australian, imported, fresh, tenderloin, boneless, separable lean and fat, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.270	0.640
23318	Beef, Australian, imported, grass-fed, round, top round cap-off steak/roast, boneless, separable lean and fat, raw	114.0	4.0 oz	0.270	0.740
20444	Rice, white, long-grain, regular, raw, unenriched	185.0	1.0 cup	0.270	0.311
20044	Rice, white, long-grain, regular, raw, enriched	185.0	1.0 cup	0.270	0.311
05172	Turkey, whole, giblets, cooked, simmered	95.0	1.0 giblets	0.270	0.587
17103	Veal, leg (top round), separable lean only, cooked, roasted	85.0	3.0 oz	0.269	0.557
13854	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.269	0.543
13419	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.269	0.719
17028	Lamb, domestic, loin, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.269	0.580
17442	Lamb, Australian, imported, fresh, tenderloin, boneless, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.269	0.636
05679	Chicken, dark meat, drumstick, meat only, with added solution, cooked, roasted	91.0	1.0 drumstick without skin	0.269	0.660
17446	Lamb, Australian, imported, fresh, leg, trotter off, bone-in, separable lean only, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.269	0.636

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05688	Chicken, dark meat, drumstick, meat and skin, with added solution, raw	143.0	1.0 drumstick with skin	0.269	0.652
22906	Chicken pot pie, frozen entree, prepared	302.0	1.0 pie	0.269	0.290
08159	Cereals, corn grits, yellow, regular and quick, enriched, dry	170.0	1.0 cup	0.269	0.313
17437	Veal, loin, chop, separable lean and fat, cooked, grilled	85.0	3.0 oz	0.269	0.556
10033	Pork, fresh, loin, blade (chops), bone-in, separable lean only, cooked, braised	85.0	3.0 oz	0.269	0.653
05122	Chicken, stewing, meat and skin, and giblets and neck, cooked, stewed	85.0	3.0 oz	0.269	0.531
05002	Chicken, broilers or fryers, meat and skin and giblets and neck, cooked, fried, batter	85.0	3.0 oz	0.269	0.507
17464	Lamb, Australian, imported, fresh, rib chop, frenched, denuded, bone-in, separable lean and fat, trimmed to 0" fat, cooked, grilled	85.0	3.0 oz	0.269	0.635
17459	Lamb, Australian, imported, fresh, tenderloin, boneless, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.269	0.634
23517	Beef, chuck, clod steak, separable lean only, trimmed to 1/4" fat, all grades, cooked, braised	85.0	3.0 oz	0.269	0.709
11382	Potatoes, mashed, dehydrated, granules with milk, dry form	200.0	1.0 cup	0.268	0.306
23497	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, select, raw	114.0	4.0 oz	0.268	0.666
10980	Pork loin, fresh, backribs, bone-in, raw, lean only	114.0	4.0 oz	0.268	0.651
13795	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, all grades, raw	114.0	4.0 oz	0.268	0.603
17373	Lamb, New Zealand, imported, heart, raw	113.0	4.0 oz	0.268	0.667
23348	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.268	0.711
23216	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.268	0.706
10227	Pork, fresh, composite of trimmed retail cuts (loin and shoulder blade), separable lean and fat, cooked	85.0	3.0 oz	0.268	0.600
17436	Veal, foreshank, osso buco, separable lean and fat, cooked, braised	85.0	3.0 oz	0.268	0.554
17016	Lamb, domestic, leg, shank half, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.268	0.576
13361	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, all grades, cooked	85.0	3.0 oz	0.267	0.666
13396	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.267	0.610
05151	Guinea hen, meat and skin, raw	85.0	3.0 oz	0.267	0.525
10069	Pork, fresh, loin, top loin (roasts), boneless, separable lean only, cooked, roasted	85.0	3.0 oz	0.267	0.638
17321	Lamb, Australian, imported, fresh, shoulder, whole (arm and blade), separable lean only, trimmed to 1/8" fat, cooked	85.0	3.0 oz	0.267	0.570

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13372	Beef, brisket, point half, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.267	0.610
13395	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.267	0.610
17440	Lamb, Australian, imported, fresh, leg, hindshank, heel on, bone-in, separable lean only, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.267	0.631
17412	Lamb, New Zealand, imported, neck chops, separable lean and fat, raw	113.0	4.0 oz	0.267	0.664
10188	Pork, fresh, composite of trimmed retail cuts (leg, loin, shoulder, and spareribs), separable lean and fat, cooked	85.0	3.0 oz	0.266	0.606
13329	Beef, variety meats and by-products, lungs, cooked, braised	85.0	3.0 oz	0.266	0.347
13800	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, select, cooked	85.0	3.0 oz	0.266	0.596
17098	Veal, leg (top round), separable lean and fat, cooked, roasted	85.0	3.0 oz	0.266	0.549
13442	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.266	0.704
17231	Lamb, domestic, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.266	0.571
17194	Veal, variety meats and by-products, heart, cooked, braised	85.0	3.0 oz	0.266	0.564
05200	Turkey, fryer-roasters, meat and skin, cooked, roasted	85.0	3.0 oz	0.266	0.672
10978	Pork, ground, 84% lean / 16% fat, cooked, pan-broiled	85.0	3.0 oz grilled patties	0.266	0.616
20452	Rice, white, short-grain, raw, unenriched	200.0	1.0 cup	0.266	0.306
05671	Chicken, broilers or fryers, dark meat, drumstick, meat only, cooked, braised	95.0	1.0 drumstick without skin	0.266	0.651
20052	Rice, white, short-grain, enriched, uncooked	200.0	1.0 cup	0.266	0.306
21251	BURGER KING, Cheeseburger	133.0	1.0 item	0.266	0.399
23306	Beef, Australian, imported, grass-fed, loin, top sirloin cap-off steak/roast, boneless, separable lean only, raw	114.0	4.0 oz	0.266	0.728
23485	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, all grades, raw	114.0	4.0 oz	0.266	0.677
25015	Formulated bar, MARS SNACKFOOD US, SNICKERS MARATHON Protein Performance Bar, Caramel Nut Rush	80.0	1.0 bar	0.266	0.276
21092	Fast foods, cheeseburger; double, regular patty; plain	149.0	1.0 item	0.265	0.605
10179	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, cooked, pan-fried	85.0	3.0 oz	0.265	0.643
17206	Lamb, variety meats and by-products, lungs, cooked, braised	85.0	3.0 oz	0.265	0.305
15165	Mollusks, mussel, blue, cooked, moist heat	85.0	3.0 oz	0.265	0.456
10875	Pork, cured, ham with natural juices, slice, bone-in, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.265	0.564
17034	Lamb, domestic, rib, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.265	0.570
13362	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, choice, cooked	85.0	3.0 oz	0.265	0.656

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23382	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.265	0.706
15183	Fish, tuna, light, canned in oil, without salt, drained solids	85.0	3.0 oz	0.265	0.733
07066	Turkey sausage, reduced fat, brown and serve, cooked (include BUTTERBALL breakfast links turkey sausage)	128.0	1.0 cup	0.265	0.547
05131	Chicken, stewing, dark meat, meat only, raw	105.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.265	0.572
23303	Beef, Australian, imported, grass-fed, loin, top loin steak/roast, boneless, separable lean only, raw	114.0	4.0 oz	0.264	0.725
05007	Chicken, broilers or fryers, meat and skin, cooked, fried, batter	85.0	3.0 oz	0.264	0.502
23250	Beef, top loin petite roast, boneless, separable lean only, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.264	0.700
10983	Pork, fresh, loin, blade (roasts), boneless, separable lean only, cooked, roasted	85.0	3.0 oz	0.264	0.643
10956	Pork, loin, leg cap steak, boneless, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.264	0.643
17237	Lamb, domestic, loin, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.264	0.569
05342	Chicken, broilers or fryers, breast, meat only, cooked, rotisserie, original seasoning	85.0	3.0 oz	0.264	0.734
23180	Beef, rib, back ribs, bone-in, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.264	0.700
13796	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, all grades, cooked	85.0	3.0 oz	0.264	0.591
23159	Beef, rib eye roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.264	0.696
20324	Cornmeal, white, self-rising, bolted, with wheat flour added, enriched	170.0	1.0 cup	0.264	0.294
23349	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.264	0.706
23241	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.264	0.698
20024	Cornmeal, yellow, self-rising, bolted, with wheat flour added, enriched	170.0	1.0 cup	0.264	0.294
17361	Lamb, New Zealand, imported, chump, boneless, separable lean only, cooked, fast roasted	85.0	3.0 oz	0.264	0.657
05129	Chicken, stewing, light meat, meat only, raw	89.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.263	0.569
20050	Rice, white, medium-grain, raw, enriched	195.0	1.0 cup	0.263	0.302
20450	Rice, white, medium-grain, raw, unenriched	195.0	1.0 cup	0.263	0.302
10205	Pork, fresh, loin, country-style ribs, separable lean and fat, cooked, braised	86.0	1.0 rib without refuse (Yield from 1 cooked rib, with refuse, weighing 140g)	0.263	0.628
10087	Pork, fresh, shoulder, blade, boston (roasts), separable lean only, cooked, roasted	85.0	3.0 oz	0.263	0.545
23275	Beef, ribeye petite roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.263	0.694
13867	Beef, round, full cut, separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.263	0.600
05154	Pheasant, raw, meat only	85.0	3.0 oz	0.263	0.583

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13415	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.263	0.698
13465	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.263	0.695
23353	Beef, round, eye of round steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.263	0.692
13888	Beef, round, tip round, roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.263	0.601
05749	Chicken, broiler or fryers, breast, skinless, boneless, meat only, with added solution, cooked, grilled	85.0	3.0 oz	0.263	0.652
13798	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, choice, cooked	85.0	3.0 oz	0.263	0.590
17303	Lamb, Australian, imported, fresh, leg, sirloin chops, boneless, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.263	0.560
20082	Wheat flour, white, all-purpose, self-rising, enriched	125.0	1.0 cup	0.262	0.219
17441	Lamb, Australian, imported, fresh, leg, hindshank, heel on, bone-in, separable lean only, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.262	0.619
13797	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, choice, raw	114.0	4.0 oz	0.262	0.592
23315	Beef, Australian, imported, grass-fed, loin, top sirloin cap-off steak/roast, boneless, separable lean and fat, raw	114.0	4.0 oz	0.262	0.719
17430	Veal, shoulder, blade chop, separable lean only, cooked, grilled	85.0	3.0 oz	0.262	0.542
13390	Beef, rib, large end (ribs 6-9), separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.262	0.599
17457	Lamb, Australian, imported, fresh, leg, trotter off, bone-in, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.262	0.619
10189	Pork, fresh, loin, center loin (chops), boneless, separable lean and fat, cooked, pan-broiled	85.0	3.0 oz	0.262	0.625
13865	Beef, round, full cut, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.262	0.599
13416	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.262	0.700
17419	Lamb, New Zealand, imported, rack - fully frenched, separable lean and fat, cooked, fast roasted	85.0	3.0 oz	0.262	0.653
23164	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.262	0.697
10975	Pork, ground, 84% lean / 16% fat, cooked, crumbles	85.0	3.0 oz grilled patties	0.262	0.606
23174	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.262	0.694
13389	Beef, rib, large end (ribs 6-9), separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.262	0.599

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
20011	Buckwheat flour, whole-groat	120.0	1.0 cup	0.262	0.197
05039	Chicken, broilers or fryers, light meat, meat only, raw	88.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.261	0.565
05347	Chicken, broilers or fryers, back, meat and skin, cooked, rotisserie, original seasoning	102.0	1.0 back	0.261	0.732
05301	Poultry, mechanically deboned, from backs and necks with skin, raw	227.0	0.5 lb	0.261	0.688
10055	Pork, fresh, loin, sirloin (roasts), bone-in, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.261	0.624
13447	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.261	0.688
13980	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.261	0.715
13884	Beef, round, tip round, roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.261	0.598
10085	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean only, cooked, braised	85.0	3.0 oz	0.261	0.622
13982	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.261	0.715
23100	Beef, rib eye steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.261	0.690
05687	Chicken, dark meat, drumstick, meat and skin, with added solution, cooked, braised	106.0	1.0 drumstick with skin	0.261	0.633
18947	Pie crust, deep dish, frozen, baked, made with enriched flour	202.0	1.0 pie crust (average weight)	0.261	0.188
13820	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, braised	85.0	3.0 oz	0.260	0.595
17307	Lamb, Australian, imported, fresh, leg, center slice, bone-in, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.260	0.556
17272	Veal, breast, whole, boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.260	0.536
17421	Lamb, New Zealand, imported, tunnel-boned leg, chump off, shank off, separable lean and fat, cooked, slow roasted	85.0	3.0 oz	0.260	0.649
17311	Lamb, Australian, imported, fresh, loin, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.260	0.555
23118	Beef, chuck, under blade steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.260	0.705
13981	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.260	0.714
05664	Ground turkey, fat free, patties, broiled	85.0	1.0 patty	0.260	0.725
13946	Beef, shoulder steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.260	0.711
13799	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, select, raw	114.0	4.0 oz	0.260	0.579
17444	Lamb, Australian, imported, fresh, leg, bottom, boneless, separable lean only, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.260	0.613

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23307	Beef, Australian, imported, grass-fed, rib, ribeye steak/roast lip-on, boneless, separable lean only, raw	114.0	4.0 oz	0.260	0.714
23308	Beef, Australian, imported, grass-fed, round, bottom round steak/roast, boneless, separable lean only, raw	114.0	4.0 oz	0.260	0.711
16100	Peanut flour, low fat	60.0	1.0 cup	0.260	0.249
10039	Pork, fresh, loin, center loin (roasts), bone-in, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.259	0.629
13886	Beef, round, tip round, roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.259	0.593
10065	Pork, fresh, loin, top loin (roasts), boneless, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.259	0.619
10899	Pork, cured, ham, slice, bone-in, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.259	0.552
17012	Lamb, domestic, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.259	0.558
05153	Pheasant, raw, meat and skin	85.0	3.0 oz	0.259	0.547
20054	Rice, white, glutinous, unenriched, uncooked	185.0	1.0 cup	0.259	0.296
23168	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.258	0.683
17227	Lamb, domestic, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, choice, cooked	85.0	3.0 oz	0.258	0.557
13943	Beef, shoulder steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz (1 serving)	0.258	0.707
17050	Lamb, domestic, shoulder, arm, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.258	0.555
17148	Bison, ground, grass-fed, cooked	85.0	3.0 oz	0.258	0.585
10047	Pork, fresh, loin, center rib (roasts), bone-in, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.258	0.629
17057	Lamb, domestic, shoulder, blade, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.258	0.556
23516	Beef, shoulder steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.258	0.709
10054	Pork, fresh, loin, sirloin (chops), bone-in, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.258	0.628
17341	Game meat, elk, round, separable lean only, cooked, broiled	85.0	1.0 serving (3 oz)	0.258	0.646
23268	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.258	0.679
23481	Beef, ground, 97% lean meat / 3% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.258	0.643
17295	Lamb, Australian, imported, fresh, leg, shank half, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.258	0.549
01141	Egg, turkey, whole, fresh, raw	79.0	1.0 egg	0.258	0.349
05677	Chicken, broilers or fryers, dark meat, thigh, meat and skin, cooked, braised	111.0	1.0 thigh without skin	0.258	0.594
11248	Lentils, sprouted, raw	77.0	1.0 cup	0.257	0.081

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17291	Lamb, Australian, imported, fresh, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.257	0.547
13940	Beef, chuck, clod roast, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.257	0.677
23351	Beef, round, eye of round steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.257	0.683
10078	Pork, fresh, shoulder, arm picnic, separable lean only, cooked, braised	85.0	3.0 oz	0.257	0.624
05035	Chicken, broilers or fryers, dark meat, meat and skin, cooked, fried, batter	85.0	3.0 oz	0.257	0.488
13066	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.257	0.587
17259	Lamb, New Zealand, imported, frozen, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.257	0.552
13380	Beef, chuck, under blade pot roast, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.257	0.587
15220	Fish, tuna, skipjack, fresh, cooked, dry heat	85.0	3.0 oz	0.257	0.710
05052	Chicken, broilers or fryers, back, meat and skin, cooked, stewed	85.0	3.0 oz	0.257	0.490
10180	Pork, fresh, loin, center rib (chops), bone-in, separable lean and fat, cooked, pan-fried	85.0	3.0 oz	0.257	0.625
23375	Beef, loin, tenderloin roast, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.257	0.679
17455	Lamb, Australian, imported, fresh, leg, hindshank, heel on, bone-in, separable lean and fat, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.257	0.606
05647	Ostrich, inside strip, cooked	85.0	1.0 serving (3 oz)	0.257	0.698
10061	Pork, fresh, loin, tenderloin, separable lean only, cooked, roasted	85.0	3.0 oz	0.257	0.613
10961	Pork, Shoulder petite tender, boneless, separable lean and fat, raw	105.0	1.0 piece	0.256	0.624
10208	Pork, fresh, loin, country-style ribs, separable lean only, cooked, braised	80.0	1.0 rib without refuse (yield from 1 cooked rib, with refuse, weighing 141g)	0.256	0.611
13470	Beef, short loin, porterhouse steak, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.256	0.649
17255	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, cooked	85.0	3.0 oz	0.256	0.551
23156	Beef, rib eye steak, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.256	0.677
13449	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.256	0.682
13443	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.256	0.683
13501	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.256	0.701
23239	Beef, loin, top sirloin petite roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.256	0.683

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10045	Pork, fresh, loin, center rib (chops), bone-in, separable lean and fat, cooked, braised	85.0	3.0 oz	0.256	0.621
15092	Fish, sea bass, mixed species, cooked, dry heat	101.0	1.0 fillet	0.256	0.706
15091	Fish, sea bass, mixed species, raw	129.0	1.0 fillet	0.255	0.704
23477	Beef, ground, 97% lean meat / 3% fat, raw	113.0	4.0 oz	0.255	0.640
17458	Lamb, Australian, imported, fresh, leg, trotter off, bone-in, separable lean and fat, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.255	0.604
15261	Fish, tilapia, raw	116.0	1.0 fillet	0.255	0.688
10222	Pork, fresh, loin, tenderloin, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.255	0.609
17024	Lamb, domestic, loin, separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.255	0.549
23352	Beef, round, eye of round steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.255	0.683
13500	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.255	0.698
23560	Beef, ground, 95% lean meat / 5% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.255	0.638
13816	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.255	0.582
15221	Fish, tuna, yellowfin, fresh, cooked, dry heat	85.0	3.0 oz	0.255	0.703
05000	Chicken, broiler, rotisserie, BBQ, breast meat only	85.0	3.0 oz	0.255	0.708
21112	Fast foods, hamburger; single, large patty; plain	137.0	1.0 sandwich	0.255	0.485
05680	Chicken, dark meat, drumstick, meat only, with added solution, cooked, braised	95.0	1.0 drumstick without skin	0.255	0.625
20131	Barley malt flour	162.0	1.0 cup	0.254	0.476
05219	Turkey, breast, from whole bird, meat only, raw	114.0	4.0 oz	0.254	0.706
23214	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.254	0.675
23136	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.254	0.688
17299	Lamb, Australian, imported, fresh, leg, sirloin half, boneless, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.254	0.541
10990	Pork, fresh, loin, blade (roasts), boneless, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.254	0.617
10029	Pork, fresh, loin, blade (chops), bone-in, separable lean and fat, cooked, braised	85.0	3.0 oz	0.254	0.619
16104	Bacon, meatless	144.0	1.0 cup	0.253	0.210
13502	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.253	0.693
05645	Ostrich, inside leg, cooked	85.0	1.0 serving (3 oz)	0.253	0.689
23585	Beef, short loin, top loin, steak, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.253	0.511
23536	Beef, shoulder steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.253	0.686

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23146	Beef, rib eye roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.253	0.669
05308	Chicken, cornish game hens, meat and skin, cooked, roasted	85.0	3.0 oz	0.253	0.500
10050	Pork, fresh, loin, center rib (chops), bone-in, separable lean only, cooked, broiled	85.0	3.0 oz	0.253	0.603
10954	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean and fat, with added solution, cooked, braised	85.0	3.0 oz	0.253	0.605
17235	Lamb, domestic, leg, sirloin half, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.253	0.544
05310	Chicken, cornish game hens, meat only, cooked, roasted	85.0	3.0 oz	0.253	0.548
17042	Lamb, domestic, shoulder, whole (arm and blade), separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.253	0.544
23392	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.253	0.676
23075	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.253	0.694
23294	Beef, Australian, imported, grass-fed, loin, tenderloin steak/roast, boneless, separable lean only, raw	114.0	4.0 oz	0.253	0.693
23317	Beef, Australian, imported, grass-fed, round, bottom round steak/roast, boneless, separable lean and fat, raw	114.0	4.0 oz	0.253	0.693
15141	Crustaceans, crab, blue, canned	135.0	1.0 cup	0.252	0.610
17139	Veal, sirloin, separable lean only, cooked, roasted	85.0	3.0 oz	0.252	0.522
23076	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.252	0.691
23554	Beef, shoulder steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.252	0.683
23476	Beef, ground, 93% lean meat / 7% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.252	0.631
10933	Pork, cured, ham, shank, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.252	0.539
23077	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.252	0.693
17287	Lamb, Australian, imported, fresh, foreshank, separable lean and fat, trimmed to 1/8" fat, cooked, braised	85.0	3.0 oz	0.252	0.539
17248	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.252	0.543
17109	Veal, loin, separable lean only, cooked, roasted	85.0	3.0 oz	0.252	0.522
17416	Lamb, New Zealand, imported, square-cut shoulder chops, separable lean and fat, raw	113.0	4.0 oz	0.252	0.627
05303	Poultry, mechanically deboned, from mature hens, raw	227.0	0.5 lb	0.252	0.903
23495	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 0" fat, choice, raw	114.0	4.0 oz	0.252	0.646
36605	CRACKER BARREL, country fried shrimp platter	149.0	1.0 serving	0.252	0.441

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23607	Beef, short loin, top loin steak, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.252	0.507
15228	Crustaceans, spiny lobster, mixed species, cooked, moist heat	85.0	3.0 oz	0.252	0.632
17370	Lamb, New Zealand, imported, ground lamb, cooked, braised	85.0	3.0 oz	0.252	0.626
05652	Ostrich, oyster, cooked	85.0	1.0 serving (3 oz)	0.252	0.684
05748	Chicken, broiler or fryers, breast, skinless, boneless, meat only, with added solution, cooked, braised	85.0	3.0 oz	0.252	0.624
13479	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.252	0.666
17073	Lamb, New Zealand, imported, frozen, leg, whole (shank and sirloin), separable lean and fat, cooked, roasted	85.0	3.0 oz	0.252	0.541
23609	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.252	0.507
10038	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.252	0.599
23116	Beef, chuck, under blade steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.252	0.682
16121	Soy protein concentrate, produced by alcohol extraction	28.35	1.0 oz	0.251	0.231
16420	Soy protein concentrate, produced by acid wash	28.35	1.0 oz	0.251	0.231
15086	Fish, salmon, sockeye, cooked, dry heat	85.0	3.0 oz	0.251	0.729
13818	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85.0	3.0 oz	0.251	0.574
17127	Veal, shoulder, arm, separable lean only, cooked, roasted	85.0	3.0 oz	0.251	0.518
17225	Lamb, ground, cooked, broiled	85.0	3.0 oz	0.251	0.540
10984	Pork, fresh, loin, blade (chops), boneless, separable lean only, boneless, cooked, broiled	85.0	3.0 oz	0.251	0.609
05642	Ostrich, ground, cooked, pan-broiled	93.0	1.0 patty	0.250	0.680
17020	Lamb, domestic, leg, sirloin half, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.250	0.537
23627	Beef, short loin, top loin, steak, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.250	0.504
10925	Pork, cured, ham with natural juices, slice, bone-in, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.250	0.530
17273	Veal, breast, plate half, boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.250	0.515
23251	Beef, top loin petite roast, boneless, separable lean only, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.250	0.666
17058	Lamb, domestic, shoulder, blade, separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.250	0.537
17281	Lamb, Australian, imported, fresh, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, cooked	85.0	3.0 oz	0.250	0.534
18945	Pie crust, deep dish, frozen, unbaked, made with enriched flour	225.0	1.0 pie crust (average weight)	0.250	0.187
17414	Lamb, New Zealand, imported, netted shoulder, rolled, boneless, separable lean and fat, raw	113.0	4.0 oz	0.250	0.623

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23557	Beef, ground, 95% lean meat / 5% fat, raw	113.0	4.0 oz	0.250	0.623
23482	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, all grades, raw	114.0	4.0 oz	0.250	0.630
20522	Cornmeal, degermed, unenriched, white	157.0	1.0 cup	0.250	0.254
20022	Cornmeal, degermed, enriched, yellow	157.0	1.0 cup	0.250	0.254
20322	Cornmeal, degermed, enriched, white	157.0	1.0 cup	0.250	0.254
20422	Cornmeal, degermed, unenriched, yellow	157.0	1.0 cup	0.250	0.254
10017	Pork, fresh, leg (ham), shank half, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.249	0.605
23565	Beef, ground, 90% lean meat / 10% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.249	0.621
17002	Lamb, domestic, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/4" fat, choice, cooked	85.0	3.0 oz	0.249	0.535
05656	Ostrich, tip trimmed, cooked	85.0	1.0 serving (3 oz)	0.249	0.677
05650	Ostrich, outside strip, cooked	85.0	1.0 serving (3 oz)	0.249	0.678
23242	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.249	0.665
23531	Beef, chuck, clod roast, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.249	0.657
15082	Fish, salmon, coho, wild, cooked, moist heat	85.0	3.0 oz	0.249	0.689
23223	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.249	0.656
16386	Peas, split, mature seeds, cooked, boiled, with salt	196.0	1.0 cup	0.249	0.167
16086	Peas, split, mature seeds, cooked, boiled, without salt	196.0	1.0 cup	0.249	0.167
17339	Game meat, elk, ground, cooked, pan-broiled	95.0	1.0 patty (yield from 104.1 g raw meat)	0.249	0.621
15022	Fish, cusk, raw	122.0	1.0 fillet	0.249	0.686
17037	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.248	0.533
17063	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean and fat, cooked	85.0	3.0 oz	0.248	0.533
17211	Lamb, variety meats and by-products, pancreas, cooked, braised	85.0	3.0 oz	0.248	0.280
17439	Lamb, Australian, imported, fresh, leg, bottom, boneless, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.248	0.587
17198	Veal, variety meats and by-products, kidneys, cooked, braised	85.0	3.0 oz	0.248	0.469
17045	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.248	0.533
10931	Pork, cured, ham, rump, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.248	0.529
15193	Fish, cusk, cooked, dry heat	95.0	1.0 fillet	0.248	0.685
21002	Fast foods, biscuit, with egg	136.0	1.0 biscuit	0.248	0.307
01105	Milk, chocolate beverage, hot cocoa, homemade	250.0	1.0 cup	0.248	0.190

NDB_No	Description	Weight(g)		Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23313	Beef, Australian, imported, Wagyu, rib, small end rib steak/roast, boneless, separable lean only, Aust. marble score 4/5, raw	114.0		4.0 oz	0.247	0.676
23494	Beef, composite of trimmed retail cuts, separable lean and fat, trimmed to 0" fat, choice, raw	114.0		4.0 oz	0.247	0.624
17314	Lamb, Australian, imported, fresh, rib chop/rack roast, frenched, bone-in, separable lean and fat, trimmed to 1/8" fat, raw	114.0		4.0 oz	0.247	0.586
15056	Fish, mullet, striped, cooked, dry heat	93.0		1.0 fillet	0.247	0.683
17261	Lamb, New Zealand, imported, frozen, loin, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0		3.0 oz	0.247	0.532
17424	Veal, ground, cooked, pan-fried	85.0		3.0 oz	0.247	0.513
23215	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0		3.0 oz	0.247	0.662
13445	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0		3.0 oz	0.247	0.657
23134	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0		3.0 oz	0.247	0.668
23276	Beef, ribeye petite roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0		3.0 oz	0.247	0.660
13862	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0		3.0 oz	0.247	0.669
17315	Lamb, Australian, imported, fresh, rib chop, frenched, bone-in, separable lean and fat, trimmed to 1/8" fat, cooked, grilled	85.0		3.0 oz	0.247	0.585
17121	Veal, shoulder, whole (arm and blade), separable lean only, cooked, roasted	85.0		3.0 oz	0.247	0.512
17115	Veal, rib, separable lean only, cooked, roasted	85.0		3.0 oz	0.247	0.511
13484	Beef, short loin, t-bone steak, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0		3.0 oz	0.247	0.627
13481	Beef, short loin, t-bone steak, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0		3.0 oz	0.247	0.565
05059	Chicken, broilers or fryers, breast, meat and skin, cooked, fried, flour	59.0	1.0 unit (yield from 1 lb ready-to-cook chicken)		0.247	0.509
13804	Beef, brisket, whole, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0		3.0 oz	0.246	0.563
23117	Beef, chuck, under blade steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0		3.0 oz	0.246	0.666
10120	Pork, fresh, loin, blade (chops), bone-in, separable lean only, cooked, pan-fried	85.0		3.0 oz	0.246	0.598
17438	Veal, shoulder, blade chop, separable lean and fat, cooked, grilled	85.0		3.0 oz	0.246	0.510
13598	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0		3.0 oz	0.246	0.666
13916	Beef, short loin, top loin, separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0		3.0 oz	0.246	0.564

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23160	Beef, rib eye roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.246	0.657
10035	Pork, fresh, loin, blade (roasts), bone-in, separable lean only, cooked, roasted	85.0	3.0 oz	0.246	0.598
17331	Game meat, bison, ground, cooked, pan-broiled	87.0	1.0 patty (yield from 112.7 g raw meat)	0.246	0.559
05676	Chicken, broilers or fryers, dark meat, drumstick, meat and skin, cooked, braised	95.0	1.0 drumstick without skin	0.246	0.597
23182	Beef, rib, back ribs, bone-in, separable lean only, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.246	0.655
17081	Lamb, New Zealand, imported, rack - partly frenched, separable lean and fat, cooked, fast roasted	85.0	1.0 serving	0.246	0.612
05658	Ostrich, top loin, cooked	85.0	1.0 serving (3 oz)	0.246	0.668
10081	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean and fat, cooked, braised	85.0	3.0 oz	0.246	0.587
15160	Mollusks, clam, mixed species, canned, drained solids	85.0	3.0 oz	0.246	0.593
17133	Veal, shoulder, blade, separable lean only, cooked, roasted	85.0	3.0 oz	0.246	0.508
13650	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.246	0.664
05713	Turkey, retail parts, wing, meat only, cooked, roasted	85.0	3.0 oz	0.246	0.716
10083	Pork, fresh, shoulder, blade, boston (roasts), separable lean and fat, cooked, roasted	85.0	3.0 oz	0.246	0.508
17408	Lamb, New Zealand, imported, loin saddle, separable lean and fat, raw	113.0	4.0 oz	0.245	0.610
23295	Beef, Australian, imported, Wagyu, loin, tenderloin steak/roast, boneless, separable lean only, Aust. marble score 4/5, raw	114.0	4.0 oz	0.245	0.671
23514	Beef, chuck, clod roast, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz (1 serving)	0.245	0.647
13823	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.245	0.670
36405	Restaurant, Latino, Arroz con frijoles negros (rice and black beans)	461.0	1.0 serving	0.244	0.318
17454	Lamb, Australian, imported, fresh, leg, bottom, boneless, separable lean and fat, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.244	0.578
23311	Beef, Australian, imported, Wagyu, loin, top loin steak/roast, boneless, separable lean only, Aust. marble score 4/5, raw	114.0	4.0 oz	0.244	0.670
23302	Beef, Australian, imported, grass-fed, loin, tenderloin steak/roast, boneless, separable lean and fat, raw	114.0	4.0 oz	0.244	0.670
17124	Veal, shoulder, arm, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.244	0.505
13446	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.244	0.652
05078	Chicken, broilers or fryers, leg, meat and skin, cooked, roasted	85.0	3.0 oz	0.244	0.576
23347	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.244	0.643
20084	Wheat flour, white, cake, enriched	137.0	1.0 cup unsifted, dipped	0.244	0.189
20067	Sorghum grain	192.0	1.0 cup	0.244	0.324

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16359	Chickpeas (garbanzo beans, bengal gram), mature seeds, canned, drained, rinsed in tap water	254.0	1.0 can drained, rinsed	0.244	0.236
17084	Lamb, New Zealand, imported, square-cut shoulder, separable lean and fat, raw	115.0	1.0 serving	0.244	0.606
05022	Chicken, broilers or fryers, giblets, cooked, simmered	145.0	1.0 cup chopped or dice	0.244	0.389
12155	Nuts, walnuts, english	117.0	1.0 cup, chopped	0.243	0.276
13467	Beef, short loin, porterhouse steak, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.243	0.615
05666	Ground turkey, 93% lean, 7% fat, pan-broiled crumbles	85.0	3.0 oz	0.243	0.677
13236	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.243	0.648
17448	Lamb, Australian, imported, fresh, rack, roast, frenched, bone-in, separable lean only, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.243	0.575
23051	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.243	0.490
13977	Beef, plate, inside skirt steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.243	0.643
17118	Veal, shoulder, whole (arm and blade), separable lean and fat, cooked, roasted	85.0	3.0 oz	0.243	0.502
10937	Pork, cured, ham, slice, bone-in, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.243	0.515
23376	Beef, loin, tenderloin roast, boneless, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.243	0.648
05082	Chicken, broilers or fryers, leg, meat only, cooked, roasted	85.0	3.0 oz	0.243	0.586
17329	Lamb, Australian, imported, fresh, shoulder ,blade, separable lean only, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.243	0.518
23472	Beef, ground, 93% lean meat / 7% fat, raw	113.0	4.0 oz	0.243	0.607
16358	Chickpeas (garbanzo beans, bengal gram), mature seeds, canned, drained solids	253.0	1.0 can drained	0.243	0.235
13441	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.242	0.638
17244	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.242	0.520
23570	Beef, ground, 85% lean meat / 15% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.242	0.606
23135	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.242	0.655
13381	Beef, chuck, under blade pot roast, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.242	0.656
21304	Fast Food, Pizza Chain, 14" pizza, meat and vegetable topping, regular crust	136.0	1.0 slice	0.242	0.295
13821	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.241	0.660
17136	Veal, sirloin, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.241	0.499

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15124	Fish, tuna, white, canned in oil, drained solids	85.0	3.0 oz	0.241	0.667
17130	Veal, shoulder, blade, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.241	0.499
23289	Beef, top loin petite roast, boneless, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.241	0.637
23176	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.241	0.644
23359	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.241	0.633
05186	Turkey, all classes, light meat, cooked, roasted	85.0	1.0 serving	0.241	0.670
15185	Fish, tuna, white, canned in oil, without salt, drained solids	85.0	3.0 oz	0.241	0.667
05739	Turkey, drumstick, from whole bird, meat only, roasted	85.0	3.0 oz	0.241	0.670
23356	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.241	0.633
05228	Turkey, wing, from whole bird, meat only, roasted	85.0	3.0 oz	0.241	0.670
23480	Beef, ground, 97% lean meat / 3% fat, loaf, cooked, baked	85.0	3.0 oz	0.241	0.603
23148	Beef, rib eye steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.241	0.644
17217	Veal, variety meats and by-products, spleen, cooked, braised	85.0	3.0 oz	0.241	0.446
23101	Beef, rib eye roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.241	0.641
23515	Beef, chuck, clod roast, separable lean only, trimmed to 1/4" fat, all grades, cooked, roasted	85.0	3.0 oz	0.241	0.636
23032	Beef, round, knuckle, tip side, steak, separable lean and fat , trimmed to 0" fat, select, raw	85.0	3.0 oz	0.241	0.486
05341	Chicken, broilers or fryers, back, meat only, cooked, rotisserie, original seasoning	85.0	1.0 serving (3 oz)	0.241	0.663
17319	Lamb, Australian, imported, fresh, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, cooked	85.0	3.0 oz	0.241	0.513
13927	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0	3.0 oz	0.241	0.550
15006	Fish, burbot, raw	116.0	1.0 fillet	0.240	0.664
15102	Fish, snapper, mixed species, cooked, dry heat	85.0	3.0 oz	0.240	0.661
13354	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.240	0.658
13351	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.240	0.657
10891	Pork, cured, ham with natural juices, shank, bone-in, separable lean only, unheated	85.0	3.0 oz	0.240	0.511
23390	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.240	0.632
23365	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.240	0.629
10034	Pork, fresh, loin, blade (chops), bone-in, separable lean only, cooked, broiled	85.0	3.0 oz	0.240	0.582

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23362	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.240	0.629
13352	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.240	0.657
13440	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.240	0.641
15202	Fish, milkfish, cooked, dry heat	85.0	3.0 oz	0.240	0.662
17402	Lamb, New Zealand, imported, flap, boneless, separable lean and fat, raw	113.0	4.0 oz	0.240	0.597
17456	Lamb, Australian, imported, fresh, leg, hindshank, heel on, bone-in, separable lean and fat, trimmed to 1/8" fat, raw	114.0	4.0 oz	0.239	0.567
05077	Chicken, broilers or fryers, leg, meat and skin, cooked, fried, flour	67.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.239	0.481
13963	Beef, chuck, mock tender steak, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.239	0.630
17453	Lamb, Australian, imported, fresh, leg, bottom, boneless, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.239	0.565
10075	Pork, fresh, shoulder, arm picnic, separable lean and fat, cooked, braised	85.0	3.0 oz	0.239	0.580
23511	Beef, chuck, top blade, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.239	0.630
23540	Beef, plate, inside skirt steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.239	0.629
13439	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.239	0.634
17406	Lamb, New Zealand, imported, loin chop, separable lean and fat, cooked, fast fried	85.0	3.0 oz	0.239	0.596
13822	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.239	0.655
23157	Beef, rib eye steak, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.239	0.638
17413	Lamb, New Zealand, imported, netted shoulder, rolled, boneless, separable lean and fat, cooked, slow roasted	85.0	3.0 oz	0.239	0.595
13967	Beef, chuck, top blade, separable lean only, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.239	0.631
23170	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.239	0.638
23561	Beef, ground, 95% lean meat / 5% fat, loaf, cooked, baked	85.0	3.0 oz	0.239	0.597
15190	Fish, burbot, cooked, dry heat	90.0	1.0 fillet	0.239	0.660
05057	Chicken, broilers or fryers, breast, meat and skin, raw	87.0	0.5 breast, bone removed (yield from 1 lb ready-to-cook chicken)	0.238	0.490
10874	Pork, cured, ham with natural juices, shank, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.238	0.507
17252	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.238	0.513

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23371	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.238	0.626
13965	Beef, chuck, top blade, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.238	0.630
23099	Beef, chuck, under blade pot roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.238	0.644
23521	Beef, chuck, mock tender steak, separable lean and fat, trimmed to 0" fat, USDA select, cooked, broiled	85.0	3.0 oz	0.238	0.629
17347	Game meat, deer, tenderloin, separable lean only, cooked, broiled	85.0	1.0 serving (3 oz)	0.238	0.595
23055	Beef, round, knuckle, tip side, steak, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.238	0.480
13466	Beef, short loin, porterhouse steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.238	0.629
13338	Beef, variety meats and by-products, thymus, cooked, braised	85.0	3.0 oz	0.238	0.258
17077	Lamb, New Zealand, imported, frozen, loin, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.238	0.511
17106	Veal, loin, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.238	0.492
05306	Ground turkey, cooked	82.0	1.0 patty (4 oz, raw) (yield after cooking)	0.238	0.661
23063	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.237	0.478
13393	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.237	0.542
15200	Fish, mackerel, king, cooked, dry heat	85.0	3.0 oz	0.237	0.655
13937	Beef, chuck, clod roast, separable lean only, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.237	0.626
15098	Fish, sheepshead, cooked, dry heat	85.0	3.0 oz	0.237	0.655
12175	Nuts, chestnuts, japanese, dried	155.0	1.0 cup	0.237	0.195
21432	KFC, Fried Chicken, EXTRA CRISPY, Thigh, meat only, skin and breading removed	91.0	1.0 thigh, without skin	0.237	0.295
23509	Beef, chuck, mock tender steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.236	0.625
23475	Beef, ground, 93% lean meat / 7% fat, loaf, cooked, baked	85.0	3.0 oz	0.236	0.591
23656	Beef, flank, steak, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.236	0.478
23345	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.236	0.628
23547	Beef, chuck, mock tender steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.236	0.624
17337	Game meat, bison, top round, separable lean only, 1" steak, raw	85.0	1.0 serving (3 oz)	0.236	0.536
13148	Beef, rib, shortribs, separable lean and fat, choice, cooked, braised	85.0	3.0 oz	0.236	0.478
17238	Lamb, domestic, loin, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.236	0.507
23575	Beef, ground, 80% lean meat / 20% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.236	0.590
10199	Pork, fresh, loin, center rib (chops or roasts), boneless, separable lean only, raw	85.0	3.0 oz	0.236	0.490

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
22910	Lasagna, cheese, frozen, prepared	225.0	1.0 cup 1 serving	0.236	0.326
21120	Fast foods, hotdog, with corn flour coating (corndog)	175.0	1.0 sandwich	0.236	0.364
23304	Beef, Australian, imported, Wagyu, loin, tenderloin steak/roast, boneless, separable lean and fat, Aust. marble score 4/5, raw	114.0	4.0 oz	0.236	0.648
23262	Beef, loin, top sirloin petite roast/filet, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.235	0.619
23657	Beef, flank, steak, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.235	0.474
17374	Lamb, New Zealand, imported, sweetbread, cooked, soaked and simmered	85.0	3.0 oz	0.235	0.586
15211	Fish, salmon, chum, cooked, dry heat	85.0	3.0 oz	0.235	0.649
17407	Lamb, New Zealand, imported, loin saddle, separable lean and fat, cooked, fast roasted	85.0	3.0 oz	0.235	0.586
13392	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.235	0.538
23523	Beef, chuck, top blade, separable lean and fat, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz	0.235	0.620
10972	Pork, ground, 84% lean / 16% fat, raw	113.0	4.0 oz	0.235	0.542
23552	Beef, chuck, clod roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.235	0.618
23653	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.235	0.473
23525	Beef, chuck, top blade, separable lean and fat, trimmed to 0" fat, select, cooked, broiled	85.0	3.0 oz	0.235	0.618
23519	Beef, chuck, mock tender steak, separable lean and fat, trimmed to 0" fat, USDA choice, cooked, broiled	85.0	3.0 oz	0.235	0.620
23221	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.235	0.622
15210	Fish, salmon, chinook, cooked, dry heat	85.0	3.0 oz	0.235	0.647
23549	Beef, chuck, top blade, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.235	0.620
23229	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.235	0.618
13961	Beef, chuck, mock tender steak, separable lean only, trimmed to 0" fat, choice, cooked, broiled	85.0	3.0 oz (1 serving)	0.235	0.620
05358	Chicken, broiler, rotisserie, BBQ, breast meat and skin	85.0	3.0 oz	0.235	0.655
23030	Beef, round, knuckle, tip side, steak, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.235	0.474
23107	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.235	0.635
15164	Mollusks, mussel, blue, raw	150.0	1.0 cup	0.234	0.402
17376	Lamb, New Zealand, imported, testes, cooked, soaked and fried	85.0	3.0 oz	0.234	0.583
23650	Beef, bottom sirloin, tri-tip roast, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.234	0.473
23004	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.234	0.615

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23105	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.234	0.632
05670	Ground turkey, 85% lean, 15% fat, patties, broiled	85.0	3.0 oz	0.234	0.649
05182	Turkey from whole, light meat, meat and skin, cooked, roasted	85.0	1.0 serving	0.234	0.638
17053	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.234	0.503
17240	Lamb, domestic, rib, separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.234	0.503
17143	Veal, ground, cooked, broiled	85.0	3.0 oz	0.234	0.484
23346	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.234	0.625
23287	Beef, top loin petite roast, boneless, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.234	0.621
10178	Pork, fresh, loin, blade (chops), bone-in, separable lean and fat, cooked, pan-fried	85.0	3.0 oz	0.234	0.569
16370	Lentils, mature seeds, cooked, boiled, with salt	198.0	1.0 cup	0.234	0.152
16070	Lentils, mature seeds, cooked, boiled, without salt	198.0	1.0 cup	0.234	0.152
10870	Pork, cured, ham and water product, slice, boneless, separable lean only, heated, pan-broil	138.0	1.0 slice	0.233	0.498
21384	BURGER KING, CROISSAN'WICH with Sausage and Cheese	131.0	1.0 item	0.233	0.342
23646	Beef, bottom sirloin, tri-tip roast, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.233	0.471
10938	Pork, cured, ham, slice, bone-in, separable lean only, unheated	85.0	1.0 serving (3 oz)	0.233	0.496
17249	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, choice, roasted	85.0	3.0 oz	0.233	0.501
10935	Pork, cured, ham, shank, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.233	0.492
05011	Chicken, broilers or fryers, meat only, raw	85.0	3.0 oz	0.233	0.503
13468	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.233	0.611
05667	Ground turkey, 93% lean, 7% fat, patties, broiled	85.0	3.0 oz	0.233	0.648
23566	Beef, ground, 90% lean meat / 10% fat, loaf, cooked, baked	85.0	3.0 oz	0.233	0.581
10031	Pork, fresh, loin, blade (roasts), bone-in, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.233	0.566
23106	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.233	0.630
13970	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.233	0.470
23049	Beef, round, outside round, bottom round, steak, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.233	0.470
23255	Beef, top loin petite roast/filet, boneless, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.233	0.611
05168	Turkey, whole, meat only, cooked, roasted	85.0	3.0 oz	0.233	0.646
13971	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.233	0.470
23562	Beef, ground, 90% lean meat / 10% fat, raw	113.0	4.0 oz	0.233	0.582

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15029	Fish, flatfish (flounder and sole species), cooked, dry heat	127.0	1.0 fillet	0.232	0.711
17076	Lamb, New Zealand, imported, loin chop, separable lean and fat, raw	115.0	1.0 serving	0.232	0.577
15209	Fish, salmon, Atlantic, wild, cooked, dry heat	85.0	3.0 oz	0.232	0.640
13808	Beef, brisket, point half, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85.0	3.0 oz	0.232	0.531
15184	Fish, tuna, light, canned in water, without salt, drained solids	85.0	3.0 oz	0.232	0.642
10024	Pork, fresh, loin, whole, separable lean only, raw	85.0	3.0 oz	0.232	0.482
20420	Pasta, dry, unenriched	91.0	1.0 cup spaghetti	0.232	0.134
23648	Beef, bottom sirloin, tri-tip roast, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.232	0.468
23039	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.232	0.468
10892	Pork, cured, ham with natural juices, slice, bone-in, separable lean only, unheated	85.0	3.0 oz	0.232	0.495
05733	Turkey, retail parts, breast, meat and skin, cooked, roasted	85.0	3.0 oz	0.232	0.667
20120	Pasta, dry, enriched	91.0	1.0 cup spaghetti	0.232	0.134
17417	Lamb, New Zealand, imported, square-cut shoulder, separable lean and fat, cooked, slow roasted	85.0	3.0 oz	0.232	0.579
05721	Turkey, breast, from whole bird, meat only, with added solution, raw	114.0	4.0 oz	0.231	0.642
05696	Turkey from whole, light meat, meat only, with added solution, raw	114.0	4.0 oz	0.231	0.642
05125	Chicken, stewing, meat only, raw	85.0	3.0 oz	0.231	0.500
23651	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.231	0.467
15151	Crustaceans, shrimp, mixed species, cooked, moist heat (may have been previously frozen)	85.0	3.0 oz	0.231	0.565
10981	Pork loin, fresh, backribs, bone-in, cooked-roasted, lean only	85.0	3.0 oz	0.231	0.563
12032	Seeds, sesame flour, partially defatted	28.35	1.0 oz	0.231	0.377
21445	POPEYES, Fried Chicken, Mild, Thigh, meat only, skin and breading removed	83.0	1.0 thigh thigh without skin	0.231	0.288
15262	Fish, tilapia, cooked, dry heat	87.0	1.0 fillet	0.231	0.666
23155	Beef, rib eye steak/roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.230	0.605
23478	Beef, ground, 97% lean meat / 3% fat, patty, cooked, broiled	85.0	3.0 oz	0.230	0.576
17447	Lamb, Australian, imported, fresh, rack, roast, frenched, denuded, bone-in, separable lean only, trimmed to 0" fat, cooked, roasted	85.0	3.0 oz	0.230	0.545
23047	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.230	0.464
23127	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.230	0.623
13232	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.230	0.615

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10873	Pork, cured, ham with natural juices, rump, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.230	0.490
15037	Fish, halibut, Atlantic and Pacific, cooked, dry heat	85.0	3.0 oz	0.230	0.636
17245	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.230	0.495
23558	Beef, ground, 95% lean meat / 5% fat, patty, cooked, broiled	85.0	3.0 oz	0.230	0.575
10921	Pork, cured, ham and water product, slice, boneless, separable lean and fat, heated, pan-broil	136.0	1.0 slice	0.230	0.491
13482	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.230	0.602
23288	Beef, top loin petite roast, boneless, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.230	0.614
17196	Lamb, variety meats and by-products, kidneys, cooked, braised	85.0	3.0 oz	0.230	0.408
23266	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.230	0.609
17253	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.230	0.493
23179	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.230	0.603
23473	Beef, ground, 93% lean meat / 7% fat, patty, cooked, broiled	85.0	3.0 oz	0.230	0.573
23580	Beef, ground, 75% lean meat / 25% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.230	0.575
23061	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.230	0.463
17112	Veal, rib, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.230	0.475
13860	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0	3.0 oz	0.230	0.525
16078	Mothbeans, mature seeds, raw	196.0	1.0 cup	0.229	0.431
05215	Turkey, back from whole bird, meat only, raw	114.0	4.0 oz	0.229	0.634
23310	Beef, Australian, imported, Wagyu, loin, tenderloin steak/roast, boneless, separable lean only, Aust. marble score 9, raw	114.0	4.0 oz	0.229	0.627
21281	DOMINO'S 14" Pepperoni Pizza, Ultimate Deep Dish Crust	123.0	1.0 slice	0.229	0.303
17344	Game meat, deer, ground, cooked, pan-broiled	93.0	1.0 patty	0.229	0.573
05144	Duck, wild, meat and skin, raw	85.0	3.0 oz	0.229	0.395
17046	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.229	0.491
13928	Beef, tenderloin, roast, separable lean and fat, trimmed to 1/8" fat, prime, cooked, roasted	85.0	3.0 oz	0.229	0.523
23563	Beef, ground, 90% lean meat / 10% fat, patty, cooked, broiled	85.0	3.0 oz	0.229	0.570
17025	Lamb, domestic, loin, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.229	0.492
10929	Pork, cured, ham, rump, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.229	0.484

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17038	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.229	0.491
05681	Chicken, dark meat, thigh, meat only, with added solution, cooked, braised	85.0	3.0 oz	0.229	0.559
21519	Fast foods, breakfast burrito, with egg, cheese, and sausage	109.0	1.0 burrito	0.228	0.286
21340	McDONALD'S, Sausage Burrito	109.0	1.0 burrito	0.228	0.286
13488	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.228	0.461
13925	Beef, tenderloin, roast, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.228	0.520
23479	Beef, ground, 97% lean meat /3% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.228	0.570
13922	Beef, tenderloin, roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.228	0.520
13919	Beef, tenderloin, roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.228	0.520
23045	Beef, round, knuckle, tip center, steak, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.228	0.459
23235	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, select, cooked, braised	85.0	3.0 oz	0.228	0.600
17201	Lamb, variety meats and by-products, liver, cooked, pan-fried	85.0	3.0 oz	0.228	0.471
23652	Beef, round, tip round, roast, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.228	0.460
17401	Lamb, New Zealand, imported, flap, boneless, separable lean and fat, cooked, braised	85.0	3.0 oz	0.228	0.568
20086	Wheat flour, white, tortilla mix, enriched	111.0	1.0 cup	0.228	0.190
21427	KFC, Fried Chicken, ORIGINAL RECIPE, Thigh, meat only, skin and breading removed	86.0	1.0 thigh without skin	0.227	0.284
08121	Cereals, oats, regular and quick, unenriched, cooked with water (includes boiling and microwaving), without salt	234.0	1.0 cup	0.227	0.108
23571	Beef, ground, 85% lean meat / 15% fat, loaf, cooked, baked	85.0	3.0 oz	0.227	0.567
13934	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.227	0.457
10030	Pork, fresh, loin, blade (chops), bone-in, separable lean and fat, cooked, broiled	85.0	3.0 oz	0.227	0.552
23374	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.227	0.595
23057	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.227	0.457
13874	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.227	0.458
23368	Beef, loin, tenderloin roast, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.227	0.595
07966	Pork sausage, link/patty, reduced fat, cooked, pan-fried	85.0	3.0 oz	0.227	0.409
23125	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.227	0.615
23483	Beef, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.227	0.515
23391	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.227	0.602

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23280	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.227	0.599
15205	Fish, pollock, Atlantic, cooked, dry heat	85.0	3.0 oz	0.227	0.627
12145	Nuts, pilinuts, dried	120.0	1.0 cup	0.227	0.474
05641	Ostrich, ground, raw	109.0	1.0 patty	0.227	0.616
05669	Ground turkey, 85% lean, 15% fat, pan-broiled crumbles	85.0	3.0 oz	0.226	0.629
13958	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.226	0.457
15032	Fish, grouper, mixed species, cooked, dry heat	85.0	3.0 oz	0.226	0.625
23559	Beef, ground, 95% lean meat / 5% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.226	0.564
13909	Beef, short loin, top loin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.226	0.456
13956	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.226	0.457
23222	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.226	0.606
17054	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.226	0.485
15227	Crustaceans, crab, queen, cooked, moist heat	85.0	3.0 oz	0.226	0.568
13954	Beef, bottom sirloin, tri-tip roast, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.226	0.457
13911	Beef, loin, top loin, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.226	0.456
11380	Potatoes, mashed, dehydrated, granules without milk, dry form	200.0	1.0 cup	0.226	0.262
22960	Macaroni and cheese, dry mix, prepared with 2% milk and 80% stick margarine from dry mix	198.0	1.0 cup	0.226	0.125
15047	Fish, mackerel, Atlantic, cooked, dry heat	88.0	1.0 fillet	0.225	0.621
23278	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.225	0.598
17463	Lamb, Australian, imported, fresh, rack, roast, frenched, bone-in, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.225	0.533
05166	Turkey, whole, meat and skin, cooked, roasted	85.0	3.0 oz	0.225	0.615
23279	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.225	0.603
23528	Beef, chuck, clod roast, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.225	0.592
17462	Lamb, Australian, imported, fresh, rack, roast, frenched, denuded, bone-in, separable lean and fat, trimmed to 0" fat, cooked, roasted	85.0	3.0 oz	0.225	0.533
23126	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.225	0.610
15063	Fish, pike, northern, cooked, dry heat	85.0	3.0 oz	0.225	0.621
17367	Lamb, New Zealand, imported, kidney, raw	113.0	4.0 oz	0.225	0.560
17030	Lamb, domestic, rib, separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85.0	3.0 oz	0.224	0.483

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05735	Turkey, retail parts, wing, meat and skin, cooked, roasted	85.0	3.0 oz	0.224	0.629
13486	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.224	0.453
23008	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.224	0.592
05152	Guinea hen, meat only, raw	85.0	3.0 oz	0.224	0.485
23265	Beef, ribeye petite roast/filet, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.224	0.587
23037	Beef, chuck, shoulder clod, shoulder top and center steaks, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.224	0.451
13371	Beef, brisket, point half, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.224	0.512
13387	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.224	0.511
13494	Beef, ground, 70% lean meat / 30% fat, crumbles, cooked, pan-browned	85.0	3.0 oz	0.224	0.558
13463	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 0" fat, USDA select, cooked, broiled	85.0	3.0 oz (1serving)	0.224	0.586
23474	Beef, ground, 93% lean meat /7% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.224	0.559
23578	Beef, ground, 75% lean meat / 25% fat, patty, cooked, broiled	85.0	3.0 oz	0.224	0.558
23142	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	85.0	3.0 oz	0.224	0.604
15069	Fish, pompano, florida, cooked, dry heat	88.0	1.0 fillet	0.224	0.617
05622	Emu, ground, cooked, pan-broiled	109.0	1.0 patty (yield from 135.8 g raw meat)	0.223	0.588
21110	Fast foods, hamburger; double, regular, patty; plain	120.0	1.0 item	0.223	0.444
15046	Fish, mackerel, Atlantic, raw	112.0	1.0 fillet	0.223	0.617
05737	Turkey, retail parts, drumstick, meat and skin, cooked, roasted	85.0	3.0 oz	0.223	0.639
17145	Game meat, antelope, cooked, roasted	85.0	3.0 oz	0.223	0.712
05188	Turkey, from whole, dark meat, cooked, roasted	85.0	1.0 serving	0.223	0.616
05741	Turkey, thigh, from whole bird, meat only, roasted	85.0	3.0 oz	0.223	0.616
23140	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.223	0.603
05216	Turkey, back, from whole bird, meat only, roasted	85.0	3.0 oz	0.223	0.616
15223	Fish, whitefish, mixed species, cooked, dry heat	85.0	3.0 oz	0.223	0.615
13846	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.223	0.509
13929	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.223	0.450
23141	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.223	0.603
13477	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 0" fat, USDA select, cooked, broiled	85.0	3.0 oz	0.223	0.586

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05145	Duck, wild, breast, meat only, raw	73.0	1.0 unit (yield from 1 lb ready-to-cook duck)	0.223	0.392
01044	Cheese, pasteurized process, swiss	140.0	1.0 cup, diced	0.223	0.896
05063	Chicken, broilers or fryers, breast, meat only, cooked, fried	52.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.223	0.481
05304	Turkey, mechanically deboned, from turkey frames, raw	227.0	0.5 lb	0.222	0.849
23323	Beef, Australian, imported, Wagyu, loin, tenderloin steak/roast, boneless, separable lean and fat, Aust. marble score 9, raw	114.0	4.0 oz	0.222	0.610
23152	Beef, rib eye steak/roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.222	0.581
15156	Mollusks, abalone, mixed species, cooked, fried	85.0	3.0 oz	0.222	0.375
17327	Lamb, Australian, imported, fresh, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, cooked, broiled	85.0	3.0 oz	0.222	0.473
10113	Pork, fresh, variety meats and by-products, lungs, cooked, braised	85.0	3.0 oz	0.222	0.228
23115	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, select, cooked, roasted	85.0	3.0 oz	0.222	0.600
10977	Pork, ground, 72% lean / 28% fat, cooked, pan-broiled	85.0	3.0 oz grilled patties	0.222	0.513
05709	Turkey, retail parts, breast, meat only, with added solution, cooked, roasted	85.0	3.0 oz	0.222	0.666
23196	Beef, rib eye steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.222	0.583
13497	Beef, ground, 70% lean meat / 30% fat, patty, cooked, broiled	85.0	3.0 oz	0.222	0.555
15198	Fish, ling, cooked, dry heat	85.0	3.0 oz	0.222	0.613
23200	Beef, rib eye roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.222	0.584
23316	Beef, Australian, imported, grass-fed, rib, ribeye steak/roast lip-on, boneless, separable lean and fat, raw	114.0	4.0 oz	0.221	0.606
01092	Milk, dry, nonfat, instant, with added vitamin A and vitamin D	68.0	1.0 cup	0.221	0.598
01155	Milk, dry, nonfat, instant, without added vitamin A and vitamin D	68.0	1.0 cup	0.221	0.598
23576	Beef, ground, 80% lean meat / 20% fat, loaf, cooked, baked	85.0	3.0 oz	0.221	0.552
13473	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.221	0.581
10171	Pork, cured, shoulder, blade roll, separable lean and fat, roasted	85.0	3.0 oz	0.221	0.388
05113	Chicken, roasting, meat only, raw	85.0	3.0 oz	0.221	0.479
17241	Lamb, domestic, rib, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.221	0.476
13487	Beef, round, tip round, roast, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.221	0.446
23167	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.221	0.581
13979	Beef, plate, outside skirt steak, separable lean only, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.221	0.583
23564	Beef, ground, 90% lean meat / 10% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.221	0.552

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
06006	Soup, bean with frankfurters, canned, condensed	263.0	1.0 cup (8 fl oz)	0.221	0.252
15140	Crustaceans, crab, blue, cooked, moist heat	118.0	1.0 cup, flaked and pieces	0.221	0.533
05049	Chicken, broilers or fryers, back, meat and skin, cooked, fried, batter	72.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.220	0.413
23354	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.220	0.582
23389	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.220	0.588
10193	Pork, fresh, backribs, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.220	0.536
17364	Lamb, New Zealand, imported, kidney, cooked, soaked and fried	85.0	3.0 oz	0.220	0.548
10066	Pork, fresh, loin, top loin (chops), boneless, separable lean only, raw	85.0	3.0 oz	0.220	0.524
23002	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.220	0.584
13474	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 0" fat, USDA choice, cooked, broiled	85.0	3.0 oz	0.220	0.577
13832	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.220	0.502
23113	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, all grades, cooked, roasted	85.0	3.0 oz	0.220	0.594
23357	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.220	0.582
23305	Beef, Australian, imported, grass-fed, loin, top loin steak/roast, boneless, separable lean and fat, raw	114.0	4.0 oz	0.220	0.602
05193	Turkey, all classes, leg, meat and skin, raw	105.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.219	0.585
10225	Pork, fresh, loin, top loin (roasts), boneless, separable lean only, raw	85.0	3.0 oz	0.219	0.524
23246	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.219	0.576
13459	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.219	0.575
15150	Crustaceans, shrimp, mixed species, cooked, breaded and fried	85.0	3.0 oz	0.219	0.502
10963	Pork, Leg sirloin tip roast, boneless, separable lean and fat, raw	85.0	3.0 oz	0.219	0.533
17277	Veal, shank (fore and hind), separable lean and fat, cooked, braised	85.0	3.0 oz	0.219	0.626
13840	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.219	0.501
10924	Pork, cured, ham with natural juices, shank, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.218	0.462
17223	Veal, variety meats and by-products, tongue, cooked, braised	85.0	3.0 oz	0.218	0.453
23114	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.218	0.591

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10214	Pork, fresh, loin, sirloin (chops or roasts), boneless, separable lean only, raw	85.0	3.0 oz	0.218	0.531
17338	Game meat, elk, ground, raw	102.0	1.0 patty (yield from 102.2 g raw meat)	0.218	0.545
10902	Pork, cured, ham with natural juices, slice, bone-in, separable lean and fat, unheated	85.0	3.0 oz	0.218	0.462
13849	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, prime, cooked, roasted	85.0	3.0 oz	0.218	0.497
05309	Chicken, cornish game hens, meat only, raw	85.0	3.0 oz	0.218	0.472
13920	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.218	0.439
23363	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.218	0.577
23360	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.218	0.577
20034	Oat bran, cooked	219.0	1.0 cup	0.217	0.125
13386	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 0" fat, choice, cooked, roasted	85.0	3.0 oz	0.217	0.496
10890	Pork, cured, ham with natural juices, rump, bone-in, separable lean only, unheated	85.0	3.0 oz	0.217	0.462
13858	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.217	0.496
13831	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.217	0.495
13826	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.217	0.496
21385	BURGER KING, CROISSAN'WICH with Egg and Cheese	110.0	1.0 item	0.217	0.254
12005	Seeds, breadnut tree seeds, dried	160.0	1.0 cup	0.216	0.080
05220	Turkey, breast, from whole bird, meat only, roasted	85.0	3.0 oz	0.216	0.599
10958	Pork, Shoulder breast, boneless, separable lean and fat, raw	85.0	3.0 oz	0.216	0.525
05730	Turkey, wing, from whole bird, meat only, with added solution, roasted	85.0	3.0 oz	0.216	0.599
10040	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, raw	85.0	3.0 oz	0.216	0.515
10210	Pork, fresh, loin, sirloin (chops or roasts), boneless, separable lean and fat, raw	85.0	3.0 oz	0.216	0.524
15194	Fish, mahimahi, cooked, dry heat	85.0	3.0 oz	0.216	0.597
13460	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 0" fat, USDA choice, cooked, broiled	85.0	3.0 oz	0.216	0.566
05697	Turkey from whole, light meat, meat only, with added solution, cooked, roasted	85.0	3.0 oz	0.216	0.599
19352	Syrups, malt	332.0	1.0 cup	0.216	0.365
22402	Beef macaroni with tomato sauce, frozen entree, reduced fat	269.0	1.0 serving	0.215	0.299
20077	Wheat bran, crude	58.0	1.0 cup	0.215	0.136
23386	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.215	0.570

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23227	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	85.0	3.0 oz	0.215	0.571
23569	Beef, ground, 85% lean meat / 15% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.215	0.538
13913	Beef, loin, top loin, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.215	0.434
15126	Fish, tuna, white, canned in water, drained solids	85.0	3.0 oz	0.215	0.594
23369	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.215	0.570
10923	Pork, cured, ham with natural juices, rump, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.215	0.454
23541	Beef, plate, outside skirt steak, separable lean and fat, trimmed to 0" fat, all grades, cooked, broiled	85.0	3.0 oz	0.215	0.566
13835	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, prime, cooked, roasted	85.0	3.0 oz	0.215	0.491
23261	Beef, loin, top sirloin petite roast/filet, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.215	0.569
13829	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.215	0.492
23581	Beef, ground, 75% lean meat / 25% fat, loaf, cooked, baked	85.0	3.0 oz	0.215	0.536
13917	Beef, tenderloin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.215	0.434
15186	Fish, tuna, white, canned in water, without salt, drained solids	85.0	3.0 oz	0.215	0.594
15111	Fish, swordfish, cooked, dry heat	85.0	3.0 oz	0.215	0.594
05345	Chicken, broilers or fryers, thigh, meat only, cooked, rotisserie, original seasoning	89.0	1.0 thigh	0.214	0.617
11195	Cowpeas (blackeyes), immature seeds, frozen, unprepared	160.0	1.0 cup	0.214	0.205
05016	Chicken, broilers or fryers, skin only, cooked, fried, batter	114.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.214	0.234
21285	PAPA JOHN'S 14" The Works Pizza, Original Crust	153.0	1.0 slice	0.214	0.256
11778	Cowpeas (blackeyes), immature seeds, frozen, cooked, boiled, drained, with salt	170.0	1.0 cup	0.214	0.206
13852	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.214	0.490
17031	Lamb, domestic, rib, separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85.0	3.0 oz	0.214	0.461
10939	Pork, cured, ham, slice, bone-in, separable lean and fat, unheated	85.0	1.0 serving (3 oz)	0.214	0.454
17334	Game meat, bison, chuck, shoulder clod, separable lean only, raw	85.0	1.0 serving (3 oz)	0.214	0.485
13843	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.214	0.490
23267	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.214	0.572
13856	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.214	0.433
11196	Cowpeas (blackeyes), immature seeds, frozen, cooked, boiled, drained, without salt	170.0	1.0 cup	0.214	0.206
05184	Turkey, dark meat from whole, meat and skin, cooked, roasted	85.0	1.0 serving	0.214	0.583

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23220	Beef, ground, unspecified fat content, cooked	85.0	3.0 oz	0.214	0.575
15247	Fish, salmon, coho, wild, cooked, dry heat	85.0	3.0 oz	0.213	0.590
05135	Chicken, capons, meat and skin, raw	85.0	3.0 oz	0.213	0.431
13825	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.213	0.488
05333	Chicken, ground, crumbles, cooked, pan-browned	85.0	3.0 oz crumbled	0.213	0.507
10048	Pork, fresh, loin, center rib (chops or roasts), bone-in, separable lean only, raw	85.0	3.0 oz	0.213	0.510
23006	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.213	0.566
23314	Beef, Australian, imported, Wagyu, rib, small end rib steak/roast, boneless, separable lean only, Aust. marble score 9, raw	114.0	4.0 oz	0.213	0.586
05194	Turkey, all classes, leg, meat and skin, cooked, roasted	71.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.213	0.563
15041	Fish, herring, Atlantic, pickled	140.0	1.0 cup	0.213	0.588
20112	Noodles, egg, spinach, enriched, cooked	160.0	1.0 cup	0.213	0.149
21060	Fast foods, burrito, with beans	217.0	2.0 pieces	0.213	0.232
10955	Pork, cured, ham, rump, bone-in, separable lean and fat, unheated	85.0	3.0 oz	0.212	0.450
10056	Pork, fresh, loin, sirloin (chops or roasts), bone-in, separable lean only, raw	85.0	3.0 oz	0.212	0.507
13906	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.212	0.570
10194	Pork, fresh, loin, center rib (chops or roasts), boneless, separable lean and fat, raw	85.0	3.0 oz	0.212	0.439
15226	Crustaceans, crab, dungeness, cooked, moist heat	85.0	3.0 oz	0.212	0.535
15117	Fish, tuna, fresh, bluefin, raw	85.0	3.0 oz	0.212	0.586
23043	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.212	0.429
21093	Fast foods, cheeseburger; double, regular patty, with condiments and vegetables	166.0	1.0 sandwich	0.212	0.476
36031	DENNY'S, onion rings	166.0	1.0 serving	0.212	0.131
23293	Beef, Australian, imported, grass-fed, ground, 85% lean / 15% fat, raw	114.0	4.0 oz (4 oz)	0.212	0.573
20647	Millet flour	119.0	1.0 cup	0.212	0.380
10062	Pork, fresh, loin, top loin (chops), boneless, separable lean and fat, raw	85.0	3.0 oz	0.212	0.505
13855	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.212	0.484
10943	Pork, fresh, loin, tenderloin, separable lean only, with added solution, cooked, roasted	85.0	3.0 oz	0.212	0.506
23263	Beef, ribeye petite roast/filet, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.212	0.559
05103	Chicken, broilers or fryers, wing, meat and skin, cooked, roasted	85.0	1.0 piece	0.212	0.526
13828	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.212	0.484

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05006	Chicken, broilers or fryers, meat and skin, raw	85.0	3.0 oz	0.212	0.419
17426	Veal, leg, top round, cap off, cutlet, boneless, raw	85.0	3.0 oz	0.212	0.438
21524	McDONALD'S, RANCH SNACK WRAP, Grilled	123.0	1.0 wrap	0.212	0.422
21518	Fast foods, grilled chicken in tortilla, with lettuce, cheese, and ranch sauce	123.0	1.0 item	0.212	0.422
36401	Restaurant, Latino, chicken and rice, entree, prepared	141.0	1.0 cup	0.212	0.431
17379	Lamb, New Zealand, imported, tongue - swiss cut, raw	113.0	4.0 oz	0.211	0.525
22956	Lasagna, Vegetable, frozen, baked	227.0	1.0 serving	0.211	0.275
05302	Poultry, mechanically deboned, from backs and necks without skin, raw	227.0	0.5 lb	0.211	0.883
05702	Turkey from whole, light meat, meat and skin, with added solution, raw	114.0	4.0 oz	0.211	0.576
10020	Pork, fresh, loin, whole, separable lean and fat, raw	85.0	3.0 oz	0.211	0.437
23198	Beef, rib eye roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.211	0.558
10952	Pork, fresh, loin, tenderloin, separable lean and fat, with added solution, cooked, roasted	85.0	3.0 oz	0.211	0.503
13861	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, prime, cooked, roasted	85.0	3.0 oz	0.211	0.482
23253	Beef, top loin petite roast/filet, boneless, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.211	0.558
13805	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.211	0.426
15135	Fish, yellowtail, mixed species, raw	85.0	3.0 oz	0.211	0.582
05133	Chicken, capons, meat and skin and giblets and neck, raw	85.0	3.0 oz	0.211	0.421
05662	Ground turkey, fat free, raw	85.0	1.0 patty (cooked from 4 oz raw)	0.211	0.587
05332	Chicken, ground, raw	112.0	4.0 oz crumbled	0.211	0.500
20126	Spaghetti, spinach, dry	57.0	2.0 oz	0.210	0.119
23233	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, all grades, cooked, braised	85.0	3.0 oz	0.210	0.557
10868	Pork, cured, ham -- water added, slice, bone-in, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.210	0.448
17107	Veal, loin, separable lean only, raw	85.0	3.0 oz	0.210	0.434
23574	Beef, ground, 80% lean meat / 20% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.210	0.525
05146	Goose, domesticated, meat and skin, raw	85.0	3.0 oz	0.210	0.326
21292	LITTLE CAESARS 14" Cheese Pizza, Thin Crust	48.0	1.0 slice	0.209	0.221
05695	Turkey, dark meat, meat only, with added solution, cooked, roasted	85.0	3.0 oz	0.209	0.580
05001	Chicken, broilers or fryers, meat and skin and giblets and neck, raw	85.0	3.0 oz	0.209	0.410
10014	Pork, fresh, leg (ham), rump half, separable lean only, raw	85.0	3.0 oz	0.209	0.508
23329	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.209	0.551
23326	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.209	0.552

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13834	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0	3.0 oz	0.209	0.478
05728	Turkey, thigh, from whole bird, meat only, with added solution, roasted	85.0	3.0 oz	0.209	0.580
05725	Turkey, drumstick, from whole bird, meat only, with added solution, roasted	85.0	3.0 oz	0.209	0.580
05703	Turkey from whole, light meat, meat and skin, with added solution, cooked, roasted	85.0	3.0 oz	0.209	0.573
10224	Pork, fresh, loin, top loin (roasts), boneless, separable lean and fat, raw	85.0	3.0 oz	0.209	0.500
13495	Beef, ground, 70% lean meat / 30% fat, loaf, cooked, baked	85.0	3.0 oz	0.209	0.522
07008	Bologna, beef and pork	100.0	3.527 oz	0.209	0.445
05315	Duck, young duckling, domesticated, White Pekin, breast, meat and skin, boneless, cooked, roasted	56.0	1.0 unit (yield from 1 lb ready-to-cook duck)	0.208	0.367
23358	Beef, round, top round roast, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.208	0.557
23355	Beef, round, top round steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.208	0.557
15009	Fish, carp, cooked, dry heat	85.0	3.0 oz	0.208	0.575
15016	Fish, cod, Atlantic, cooked, dry heat	85.0	3.0 oz	0.208	0.575
23190	Beef, rib eye roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, select, cooked, roasted	85.0	3.0 oz	0.208	0.549
17000	Veal, Australian, rib, rib roast, separable lean only, raw	85.0	3.0 oz	0.208	0.431
05293	Turkey breast, pre-basted, meat and skin, cooked, roasted	85.0	3.0 oz	0.208	0.530
23059	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.208	0.421
20017	Corn flour, masa, enriched, white	114.0	1.0 cup	0.207	0.190
05724	Turkey, drumstick, from whole bird, meat only, with added solution, raw	114.0	4.0 oz	0.207	0.575
20019	Corn flour, masa, unenriched, white	114.0	1.0 cup	0.207	0.190
05719	Turkey, back, from whole bird, meat only, with added solution, raw	114.0	4.0 oz	0.207	0.575
05694	Turkey, dark meat from whole, meat only, with added solution, raw	114.0	4.0 oz	0.207	0.575
20317	Corn flour, yellow, masa, enriched	114.0	1.0 cup	0.207	0.190
12036	Seeds, sunflower seed kernels, dried	46.0	1.0 cup, with hulls, edible yield	0.207	0.227
23335	Beef, round, eye of round steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.207	0.547
23332	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.207	0.547
10881	Pork, cured, ham and water product, shank, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.207	0.441
13478	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.207	0.548
10018	Pork, fresh, leg (ham), shank half, separable lean only, raw	85.0	3.0 oz	0.207	0.505
23384	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.207	0.547

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10957	Pork, Leg Cap Steak, boneless, separable lean and fat, raw	85.0	3.0 oz	0.207	0.504
15017	Fish, cod, Atlantic, canned, solids and liquid	85.0	3.0 oz	0.207	0.573
13908	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.207	0.554
16051	Beans, white, mature seeds, canned	262.0	1.0 cup	0.207	0.286
21282	DOMINO'S 14" EXTRAVAGANZZA FEAST Pizza, Classic Hand-Tossed Crust	151.0	1.0 slice	0.207	0.343
05150	Goose, liver, raw	94.0	1.0 liver	0.207	0.365
23364	Beef, round, eye of round steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.207	0.551
23361	Beef, round, eye of round roast, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.207	0.551
05646	Ostrich, inside strip, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.207	0.563
23187	Beef, rib eye steak, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, select, cooked, grilled	85.0	3.0 oz	0.207	0.545
15199	Fish, lingcod, cooked, dry heat	85.0	3.0 oz	0.207	0.570
05627	Emu, full rump, cooked, broiled	85.0	1.0 serving (3 oz)	0.207	0.542
05351	Chicken, broilers or fryers, thigh, meat and skin, cooked, rotisserie, original seasoning	89.0	1.0 thigh	0.206	0.595
21242	WENDY'S, Jr. Hamburger, with cheese	129.0	1.0 item	0.206	0.322
20139	Wheat, KAMUT khorasan, cooked	172.0	1.0 cup	0.206	0.167
18335	Pie crust, standard-type, frozen, ready-to-bake, enriched, baked	154.0	1.0 pie crust (average weight of 1 baked crust)	0.206	0.162
23041	Beef, chuck, shoulder clod, top blade, steak, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.206	0.415
15100	Fish, smelt, rainbow, cooked, dry heat	85.0	3.0 oz	0.206	0.569
10060	Pork, fresh, loin, tenderloin, separable lean only, raw	85.0	3.0 oz	0.206	0.490
15176	Mollusks, squid, mixed species, cooked, fried	85.0	3.0 oz	0.206	0.343
19165	Cocoa, dry powder, unsweetened	86.0	1.0 cup	0.206	0.174
23312	Beef, Australian, imported, Wagyu, loin, top loin steak/roast, boneless, separable lean only, Aust. marble score 9, raw	114.0	4.0 oz	0.205	0.563
10982	Pork, fresh, loin, blade (chops or roasts), boneless, separable lean only, raw	85.0	3.0 oz	0.205	0.497
23579	Beef, ground, 75% lean meat / 25% fat, patty, cooked, pan-broiled	85.0	3.0 oz	0.205	0.512
23175	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.205	0.543
13845	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, select, cooked, broiled	85.0	3.0 oz	0.205	0.469
23153	Beef, rib eye steak/roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.205	0.543
13839	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85.0	3.0 oz	0.205	0.469

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23228	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	85.0	3.0 oz	0.205	0.547
23199	Beef, rib eye roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.205	0.548
23372	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.205	0.541
05722	Turkey, retail parts, thigh, meat only, cooked, roasted	85.0	3.0 oz	0.205	0.596
15195	Fish, drum, freshwater, cooked, dry heat	85.0	3.0 oz	0.205	0.566
17149	Bison, ground, grass-fed, raw	85.0	1.0 patty (cooked from 4 oz raw)	0.205	0.465
23366	Beef, loin, tenderloin roast, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.205	0.541
10940	Pork, fresh, spareribs, separable lean and fat, cooked, roasted	85.0	3.0 oz	0.205	0.489
23197	Beef, rib eye steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.205	0.545
23271	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.205	0.538
05707	Turkey, whole, meat and skin, with added solution, roasted	85.0	3.0 oz	0.205	0.558
23240	Beef, loin, top sirloin petite roast/filet, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.204	0.545
10865	Pork, cured, ham -- water added, rump, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.204	0.435
15232	Fish, roughy, orange, cooked, dry heat	85.0	3.0 oz	0.204	0.619
05649	Ostrich, outside strip, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.204	0.555
05081	Chicken, broilers or fryers, leg, meat only, cooked, fried	56.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.204	0.439
11853	Soybeans, green, cooked, boiled, drained, with salt	180.0	1.0 cup	0.203	0.270
11451	Soybeans, green, cooked, boiled, drained, without salt	180.0	1.0 cup	0.203	0.270
23370	Beef, loin, top loin steak, boneless, lip off, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.203	0.541
10036	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, raw	85.0	3.0 oz	0.203	0.484
10207	Pork, fresh, loin, country-style ribs, separable lean only, raw	85.0	3.0 oz	0.203	0.486
23327	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.203	0.540
23324	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.203	0.541
23385	Beef, loin, top loin steak, boneless, lip-on, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.203	0.541
10032	Pork, fresh, loin, blade (chops or roasts), bone-in, separable lean only, raw	85.0	3.0 oz	0.203	0.495
23191	Beef, rib eye roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85.0	3.0 oz	0.203	0.540

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23341	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.203	0.536
10877	Pork, cured, ham and water product, rump, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.203	0.433
05334	Chicken, broiler, rotisserie, BBQ, thigh, meat only	95.0	1.0 thigh	0.202	0.580
10164	Pork, fresh, loin, center loin (chops), boneless, separable lean and fat, raw	85.0	3.0 oz	0.202	0.492
10218	Pork, fresh, loin, tenderloin, separable lean and fat, raw	85.0	3.0 oz	0.202	0.484
12012	Seeds, hemp seed, hulled	30.0	3.0 tbsp	0.202	0.280
23185	Beef, rib, back ribs, bone-in, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.201	0.530
23189	Beef, rib eye roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, cooked, roasted	85.0	3.0 oz	0.201	0.539
23333	Beef, round, eye of round steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.201	0.535
23330	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.201	0.536
13284	Beef, rib eye, small end (ribs 10-12), separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.201	0.461
17263	Lamb, New Zealand, imported, frozen, rib, separable lean and fat, trimmed to 1/8" fat, cooked, roasted	85.0	3.0 oz	0.201	0.434
15237	Fish, salmon, Atlantic, farmed, cooked, dry heat	85.0	3.0 oz	0.201	0.556
23325	Beef, round, top round steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.201	0.538
08123	Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved)	234.0	1.0 cup, cooked	0.201	0.094
23319	Beef, Australian, imported, Wagyu, loin, top loin steak/roast, boneless, separable lean and fat, Aust. marble score 4/5, raw	114.0	4.0 oz	0.201	0.551
10052	Pork, fresh, loin, sirloin (chops or roasts), bone-in, separable lean and fat, raw	85.0	3.0 oz	0.201	0.479
15123	Fish, tuna, fresh, skipjack, raw	85.0	3.0 oz	0.201	0.553
17221	Lamb, variety meats and by-products, tongue, cooked, braised	85.0	3.0 oz	0.201	0.388
05062	Chicken, broiler or fryers, breast, skinless, boneless, meat only, raw	85.0	3.0 oz	0.201	0.497
23328	Beef, round, top round roast, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.201	0.537
23572	Beef, ground, 80% lean meat / 20% fat, raw	113.0	4.0 oz	0.200	0.499
21020	Fast foods, english muffin, with cheese and sausage	108.0	1.0 item	0.200	0.254
21023	Fast foods, french toast with butter	135.0	2.0 slices	0.200	0.246
05701	Turkey, dark meat from whole, meat and skin, with added solution, cooked, roasted	85.0	3.0 oz	0.200	0.543
05648	Ostrich, outside leg, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.200	0.543
13496	Beef, ground, 70% lean meat / 30% fat, patty cooked, pan-broiled	85.0	3.0 oz	0.200	0.500
23234	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, choice, cooked, braised	85.0	3.0 oz	0.200	0.535

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23244	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.200	0.528
10869	Pork, cured, ham and water product, slice, bone-in, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.200	0.425
10882	Pork, cured, ham with natural juices, slice, boneless, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.200	0.426
10926	Pork, cured, ham with natural juices, slice, boneless, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.200	0.424
10944	Pork, fresh, enhanced, loin, tenderloin, separable lean only, raw	85.0	3.0 oz	0.200	0.478
10867	Pork, cured, ham -- water added, shank, bone-in, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.200	0.426
05320	Chicken, wing, frozen, glazed, barbecue flavored, heated (conventional oven)	96.0	1.0 serving	0.200	0.449
20648	Sorghum flour, whole-grain	121.0	1.0 cup	0.200	0.175
01138	Egg, duck, whole, fresh, raw	70.0	1.0 egg	0.199	0.403
16145	Beans, kidney, red, mature seeds, canned, drained solids	266.0	1.0 can drained solids	0.199	0.277
13347	Beef, cured, corned beef, brisket, cooked	85.0	3.0 oz	0.199	0.402
10915	Pork, cured, ham -- water added, slice, bone-in, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.199	0.420
13842	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, choice, cooked, broiled	85.0	3.0 oz	0.199	0.454
05123	Chicken, stewing, meat and skin, raw	85.0	3.0 oz	0.199	0.397
05629	Emu, inside drums, cooked, broiled	85.0	1.0 serving (3 oz)	0.199	0.522
23254	Beef, top loin petite roast/filet, boneless, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.199	0.530
23264	Beef, ribeye petite roast/filet, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.199	0.531
23658	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.199	0.401
23334	Beef, round, eye of round steak, boneless separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.199	0.532
23331	Beef, round, eye of round roast, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.199	0.533
05121	Chicken, stewing, meat and skin, and giblets and neck, raw	85.0	3.0 oz	0.199	0.392
20117	Noodles, japanese, somen, cooked	176.0	1.0 cup	0.199	0.109
01043	Cheese, pasteurized process, pimento	140.0	1.0 cup, diced	0.199	0.801
23188	Beef, rib eye steak, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, grilled	85.0	3.0 oz	0.198	0.527
13464	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.198	0.525
13649	Beef, shoulder pot roast or steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.198	0.543
23150	Beef, rib eye steak/roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.198	0.524

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05690	Chicken, dark meat, thigh, meat and skin, with added solution, cooked, braised	85.0	3.0 oz	0.198	0.477
23094	Beef, chuck for stew, separable lean and fat, select, raw	85.0	3.0 oz	0.198	0.543
10951	Pork, fresh, loin, tenderloin, separable lean and fat, with added solution, raw	85.0	3.0 oz	0.198	0.472
13648	Beef, shoulder pot roast or steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.198	0.543
05319	Chicken, broiler, rotisserie, BBQ, drumstick, meat only	71.0	1.0 drumstick	0.197	0.548
10989	Pork, fresh, loin, blade (chops or roasts), boneless, separable lean and fat only, raw	85.0	3.0 oz	0.197	0.479
23163	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.197	0.523
15081	Fish, salmon, coho, wild, raw	85.0	3.0 oz	0.197	0.544
18010	Biscuits, plain or buttermilk, dry mix	120.0	1.0 cup, purchased	0.197	0.170
13355	Beef, cured, pastrami	71.0	1.0 package, 2.5 oz	0.197	0.396
01046	Cheese food, pasteurized process, American, vitamin D fortified	113.0	1.0 cup	0.197	0.429
01254	Cheese food, pasteurized process, American, without added vitamin D	113.0	1.0 cup	0.197	0.429
10898	Pork, pickled pork hocks	117.0	3.0 oz	0.197	0.247
18943	Pie Crust, Cookie-type, Chocolate, Ready Crust	182.0	1.0 crust	0.197	0.133
13597	Beef, brisket, flat half, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.196	0.539
13848	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, prime, cooked, broiled	85.0	3.0 oz	0.196	0.450
23195	Beef, rib eye steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.196	0.525
10928	Pork, cured, ham with natural juices, whole, boneless, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.196	0.417
15154	Crustaceans, spiny lobster, mixed species, raw	85.0	3.0 oz	0.196	0.493
23093	Beef, chuck for stew, separable lean and fat, all grades, raw	85.0	3.0 oz	0.196	0.539
10883	Pork, cured, ham with natural juices, whole, boneless, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.196	0.418
07913	Salami, pork, beef, less sodium	100.0	3.527 oz	0.196	0.301
05100	Chicken, broilers or fryers, wing, meat and skin, raw	107.0	1.0 piece	0.196	0.488
15180	Fish, salmon, chum, canned, without salt, drained solids with bone	85.0	3.0 oz	0.196	0.539
23338	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.196	0.514
23095	Beef, chuck for stew, separable lean and fat, choice, raw	85.0	3.0 oz	0.196	0.536
15080	Fish, salmon, chum, canned, drained solids with bone	85.0	3.0 oz	0.196	0.539
05109	Chicken, roasting, meat and skin and giblets and neck, raw	85.0	3.0 oz	0.196	0.382
15214	Fish, seatrout, mixed species, cooked, dry heat	85.0	3.0 oz	0.196	0.540
13647	Beef, shoulder pot roast or steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.196	0.536

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23173	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.196	0.514
05644	Ostrich, inside leg, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.196	0.532
17351	Veal, Australian, shank, hind, bone-in, separable lean only, raw	85.0	3.0 oz	0.196	0.405
13235	Beef, short loin, t-bone steak, bone-in, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.196	0.521
23344	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.196	0.515
05307	Chicken, cornish game hens, meat and skin, raw	85.0	3.0 oz	0.196	0.385
16057	Chickpeas (garbanzo beans, bengal gram), mature seeds, cooked, boiled, without salt	164.0	1.0 cup	0.195	0.190
16357	Chickpeas (garbanzo beans, bengal gram), mature seeds, cooked, boiled, with salt	164.0	1.0 cup	0.195	0.190
21278	DOMINO'S 14" Cheese Pizza, Ultimate Deep Dish Crust	118.0	1.0 slice	0.195	0.332
23659	Beef, brisket, flat half, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.195	0.394
23186	Beef, rib eye steak, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, cooked, grilled	85.0	3.0 oz	0.195	0.520
17378	Lamb, New Zealand, imported, tongue - swiss cut, cooked, soaked and simmered	85.0	3.0 oz	0.195	0.485
21276	PIZZA HUT 12" Super Supreme Pizza, Hand-Tossed Crust	127.0	1.0 slice	0.194	0.271
12022	Seeds, safflower seed meal, partially defatted	28.35	1.0 oz	0.194	0.177
15238	Fish, salmon, coho, farmed, raw	85.0	3.0 oz	0.194	0.535
07057	Pepperoni, beef and pork, sliced	85.0	3.0 oz	0.194	0.434
17349	Veal, Australian, shank, fore, bone-in, separable lean only, raw	85.0	3.0 oz	0.194	0.400
23339	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.194	0.516
13595	Beef, brisket, flat half, boneless separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.194	0.532
23112	Beef, shoulder pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.194	0.524
10130	Canadian bacon, unprepared	85.0	3.0 oz	0.194	0.472
10077	Pork, fresh, shoulder, arm picnic, separable lean only, raw	85.0	3.0 oz	0.194	0.472
21439	KFC, Fried Chicken, EXTRA CRISPY, Drumstick, meat and skin with breading	81.0	1.0 drumstick, with skin	0.194	0.242
23367	Beef, loin, tenderloin roast, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.193	0.513
23089	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.193	0.528
23292	Beef, top loin petite roast/filet, boneless, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.193	0.507
23080	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.193	0.528
13596	Beef, brisket, flat half, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.193	0.528
23087	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.193	0.530

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23078	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.193	0.528
05654	Ostrich, tenderloin, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.193	0.524
23373	Beef, loin, tenderloin steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.193	0.513
11212	Edamame, frozen, prepared	155.0	1.0 cup	0.192	0.219
05624	Emu, fan fillet, cooked, broiled	85.0	1.0 serving (3 oz)	0.192	0.504
23088	Beef, chuck, mock tender steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.192	0.526
23079	Beef, chuck eye steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.192	0.527
17104	Veal, loin, separable lean and fat, raw	85.0	3.0 oz	0.192	0.398
05080	Chicken, broilers or fryers, leg, meat only, raw	85.0	3.0 oz	0.192	0.464
23387	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.192	0.506
13294	Beef, chuck, under blade pot roast or steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.192	0.525
10913	Pork, cured, ham -- water added, rump, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.192	0.405
05653	Ostrich, round, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.192	0.523
05621	Emu, ground, raw	117.0	1.0 patty	0.192	0.505
16008	Beans, baked, canned, with franks	259.0	1.0 cup	0.192	0.272
23000	Beef, shoulder pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.191	0.516
13293	Beef, chuck, under blade pot roast or steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.191	0.524
23073	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.191	0.523
23154	Beef, rib eye steak/roast, boneless, lip-on, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.191	0.510
23177	Beef, rib eye steak, boneless, lip off, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.191	0.510
21435	KFC, Fried Chicken, ORIGINAL RECIPE, Drumstick, meat and skin with breading	75.0	1.0 drumstick, with skin	0.191	0.239
15095	Fish, shark, mixed species, raw	85.0	3.0 oz	0.191	0.528
15018	Fish, cod, Atlantic, dried and salted	28.35	1.0 oz	0.191	0.527
21284	PAPA JOHN'S 14" Pepperoni Pizza, Original Crust	123.0	1.0 slice	0.191	0.261
05655	Ostrich, tip trimmed, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.190	0.519
05643	Ostrich, fan, raw	85.0	1.0 serving (cooked from 4oz raw)	0.190	0.518
13349	Beef, chuck, under blade pot roast or steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.190	0.521
15155	Mollusks, abalone, mixed species, raw	85.0	3.0 oz	0.190	0.328
10016	Pork, fresh, leg (ham), shank half, separable lean and fat, raw	85.0	3.0 oz	0.190	0.463

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05710	Turkey, retail parts, breast, meat only, raw	85.0	3.0 oz	0.190	0.553
05743	Turkey, retail parts, thigh, meat and skin, cooked, roasted	85.0	3.0 oz	0.190	0.549
05034	Chicken, broilers or fryers, dark meat, meat and skin, raw	85.0	3.0 oz	0.190	0.375
23321	Beef, Australian, imported, Wagyu, rib, small end rib steak/roast, boneless, separable lean and fat, Aust. marble score 4/5, raw	114.0	4.0 oz	0.190	0.520
01167	Cheese, mexican, queso chihuahua	132.0	1.0 cup, diced	0.190	0.803
19166	Cocoa, dry powder, unsweetened, processed with alkali	86.0	1.0 cup	0.190	0.161
16350	Beans, white, mature seeds, cooked, boiled, with salt	179.0	1.0 cup	0.190	0.261
16050	Beans, white, mature seeds, cooked, boiled, without salt	179.0	1.0 cup	0.190	0.261
15241	Fish, trout, rainbow, farmed, cooked, dry heat	71.0	1.0 fillet	0.190	0.524
17330	Game meat , bison, ground, raw	85.0	1.0 serving (3 oz)	0.190	0.429
05185	Turkey from whole, light meat, raw	85.0	1.0 serving	0.190	0.526
05738	Turkey, drumstick, from whole bird, meat only, raw	85.0	3.0 oz	0.190	0.526
05227	Turkey, wing, from whole bird, meat only, raw	85.0	3.0 oz	0.190	0.526
15036	Fish, halibut, Atlantic and Pacific, raw	85.0	3.0 oz	0.190	0.524
17428	Veal, shank, separable lean only, raw	85.0	3.0 oz	0.190	0.392
23074	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.190	0.519
23340	Beef, loin, top loin steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.190	0.508
13319	Beef, variety meats and by-products, brain, cooked, pan-fried	85.0	3.0 oz	0.190	0.222
10920	Pork, cured, ham and water product, slice, bone-in, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.190	0.401
05657	Ostrich, top loin, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.190	0.515
15021	Fish, croaker, Atlantic, cooked, breaded and fried	87.0	1.0 fillet	0.189	0.457
23072	Beef, chuck eye Country-Style ribs, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.189	0.518
15105	Fish, sturgeon, mixed species, cooked, dry heat	85.0	3.0 oz	0.189	0.521
23111	Beef, shoulder pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.189	0.511
23122	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.189	0.510
23245	Beef, loin, top sirloin cap steak, boneless, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.189	0.503
23123	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.189	0.512
35009	Whale, beluga, meat, dried (Alaska Native)	45.0	1.0 strip	0.189	0.609

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
21011	Fast foods, croissant, with egg and cheese	127.0	1.0 croissant	0.188	0.333
05651	Ostrich, oyster, raw	85.0	1.0 serving (cooked from 4 oz raw)	0.188	0.512
15222	Fish, turbot, european, cooked, dry heat	85.0	3.0 oz	0.188	0.518
23124	Beef, chuck, mock tender steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.188	0.508
23342	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.188	0.500
23336	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.188	0.498
17131	Veal, shoulder, blade chop, separable lean only, raw	85.0	3.0 oz	0.188	0.389
36038	Restaurant, family style, spaghetti and meatballs	134.0	1.0 cup	0.188	0.255
21241	WENDY'S, Jr. Hamburger, without cheese	117.0	1.0 item	0.187	0.260
10175	Pork, fresh, variety meats and by-products, tail, cooked, simmered	85.0	3.0 oz	0.187	0.260
15115	Fish, trout, rainbow, wild, raw	85.0	3.0 oz	0.187	0.515
13973	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.187	0.513
15053	Fish, milkfish, raw	85.0	3.0 oz	0.187	0.517
15101	Fish, snapper, mixed species, raw	85.0	3.0 oz	0.187	0.516
05700	Turkey, dark meat from whole, meat and skin, with added solution, raw	114.0	4.0 oz	0.187	0.505
21263	TACO BELL, Soft Taco with steak	127.0	1.0 item	0.187	0.320
21280	DOMINO'S 14" Pepperoni Pizza, Classic Hand-Tossed Crust	113.0	1.0 slice	0.186	0.240
05361	Chicken, broiler, rotisserie, BBQ, thigh meat and skin	95.0	1.0 thigh	0.186	0.537
10918	Pork, cured, ham and water product, rump, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.186	0.392
13972	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.186	0.511
23219	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.186	0.490
15236	Fish, salmon, Atlantic, farmed, raw	85.0	3.0 oz	0.186	0.532
15182	Fish, salmon, sockeye, canned, without salt, drained solids with bone	85.0	3.0 oz	0.186	0.515
16039	Beans, navy, mature seeds, canned	262.0	1.0 cup	0.186	0.257
11316	Peas, mature seeds, sprouted, raw	120.0	1.0 cup	0.186	0.083
17435	Veal, shank, separable lean and fat, raw	85.0	3.0 oz	0.185	0.382
23151	Beef, rib eye steak/roast, bone-in, lip-on, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.185	0.494
15001	Fish, anchovy, european, raw	85.0	3.0 oz	0.185	0.512
13974	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.185	0.509

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13523	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.184	0.506
23165	Beef, plate steak, boneless, inside skirt, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.184	0.493
17352	Veal, Australian, shank, hind, bone-in, separable lean and fat	85.0	3.0 oz	0.184	0.381
07965	Pork sausage, link/patty, reduced fat, unprepared	85.0	3.0 oz	0.184	0.337
13519	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.184	0.505
15049	Fish, mackerel, king, raw	85.0	3.0 oz	0.184	0.510
15097	Fish, sheepshead, raw	85.0	3.0 oz	0.184	0.508
23343	Beef, loin, tenderloin steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.184	0.494
23337	Beef, loin, tenderloin roast, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.184	0.492
23388	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.184	0.490
13520	Beef, shoulder top blade steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.184	0.504
23003	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.184	0.486
16068	Hyacinth beans, mature seeds, cooked, boiled, without salt	194.0	1.0 cup	0.184	0.126
16368	Hyacinth beans, mature seeds, cooked, boiled, with salt	194.0	1.0 cup	0.184	0.126
13983	Beef, brisket, flat half, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.184	0.496
10084	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean only, raw	85.0	3.0 oz	0.184	0.439
05693	Chicken, broiler, rotisserie, BBQ, back meat only	85.0	3.0 oz	0.184	0.506
10028	Pork, fresh, loin, blade (chops or roasts), bone-in, separable lean and fat, raw	85.0	3.0 oz	0.184	0.445
15079	Fish, salmon, chum, raw	85.0	3.0 oz	0.184	0.507
23577	Beef, ground, 75% lean meat / 25% fat, raw	113.0	4.0 oz	0.183	0.458
20094	Pasta, fresh-refrigerated, plain, cooked	128.0	2.0 oz	0.183	0.101
05682	Chicken, dark meat, thigh, meat only, with added solution, raw	85.0	3.0 oz	0.183	0.447
17350	Veal, Australian, shank, fore, bone-in, separable lean and fat, raw	85.0	3.0 oz	0.183	0.377
15078	Fish, salmon, chinook, raw	85.0	3.0 oz	0.183	0.505
15050	Fish, mackerel, Pacific and jack, mixed species, raw	85.0	3.0 oz	0.183	0.505
23290	Beef, top loin petite roast/filet, boneless, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.183	0.485
20116	Noodles, japanese, somen, dry	57.0	2.0 oz	0.182	0.101
16336	Beans, kidney, royal red, mature seeds, cooked, boiled with salt	177.0	1.0 cup	0.182	0.253
16036	Beans, kidney, royal red, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.182	0.253

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
21225	Pizza, cheese topping, rising crust, frozen, cooked	139.0	1.0 serving 6 servings per 29.25 oz package	0.182	0.288
16147	Veggie burgers or soyburgers, unprepared	70.0	1.0 pattie	0.182	0.204
23269	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.182	0.482
23067	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.182	0.499
10097	Pork, fresh, variety meats and by-products, brain, cooked, braised	85.0	3.0 oz	0.182	0.205
05167	Turkey, whole, meat only, raw	85.0	3.0 oz	0.182	0.503
17163	Game meat, caribou, cooked, roasted	85.0	3.0 oz	0.182	0.565
36613	DENNY'S, macaroni & cheese, from kid's menu	180.0	1.0 serving	0.182	0.223
20323	Cornmeal, white, self-rising, bolted, plain, enriched	122.0	1.0 cup	0.182	0.212
20023	Cornmeal, yellow, self-rising, bolted, plain, enriched	122.0	1.0 cup	0.182	0.212
15133	Fish, whiting, mixed species, cooked, dry heat	72.0	1.0 fillet	0.181	0.500
12193	Seeds, sisymbrium sp. seeds, whole, dried	74.0	1.0 cup	0.181	0.230
15076	Fish, salmon, Atlantic, wild, raw	85.0	3.0 oz	0.181	0.499
23007	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.181	0.476
13915	Beef, short loin, top loin, steak, separable lean and fat, trimmed to 1/8" fat, prime, raw	85.0	3.0 oz	0.181	0.413
13903	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.181	0.490
15163	Mollusks, cuttlefish, mixed species, raw	85.0	3.0 oz	0.181	0.311
13904	Beef, brisket, flat half, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.181	0.490
23395	Beef, loin, top loin steak, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.181	0.484
05171	Turkey, whole, giblets, raw	85.0	3.0 oz	0.181	0.393
16007	Beans, baked, canned, with beef	266.0	1.0 cup	0.181	0.277
16026	Beans, great northern, mature seeds, canned	262.0	1.0 cup	0.181	0.252
16326	Beans, great northern, mature seeds, canned, low sodium	262.0	1.0 cup	0.181	0.252
16320	Beans, cranberry (roman), mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.181	0.248
16020	Beans, cranberry (roman), mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.181	0.248
15132	Fish, whiting, mixed species, raw	92.0	1.0 fillet	0.180	0.499
13975	Beef, brisket, flat half, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.180	0.486
15096	Fish, shark, mixed species, cooked, batter-dipped and fried	85.0	3.0 oz	0.180	0.460
15181	Fish, salmon, pink, canned, without salt, solids with bone and liquid	85.0	3.0 oz	0.180	0.498
15110	Fish, swordfish, raw	85.0	3.0 oz	0.180	0.498
05180	Turkey from whole, neck, meat only, cooked, simmered	85.0	1.0 serving	0.180	0.500
13863	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.180	0.486
21457	POPEYES, Fried Chicken, Mild, Drumstick, meat and skin with breading	76.0	1.0 drumstick, with skin	0.180	0.225

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
07005	Blood sausage	100.0	4.0 slices	0.180	0.200
13889	Beef, shoulder top blade steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.179	0.484
10074	Pork, fresh, shoulder, arm picnic, separable lean and fat, raw	85.0	3.0 oz	0.179	0.436
13231	Beef, short loin, porterhouse steak, separable lean only, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.179	0.478
10878	Pork, cured, ham -- water added, slice, boneless, separable lean only, heated, pan-broil	85.0	1.0 serving (3 oz)	0.179	0.382
10946	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean only, with added solution, raw	85.0	3.0 oz	0.179	0.428
23283	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.179	0.472
23232	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.179	0.473
17128	Veal, shoulder, blade chop, separable lean and fat, raw	85.0	3.0 oz	0.179	0.371
16054	Broadbeans (fava beans), mature seeds, canned	256.0	1.0 cup	0.179	0.115
21119	Fast foods, hotdog, with chili	114.0	1.0 sandwich	0.179	0.253
17142	Veal, ground, raw	85.0	3.0 oz	0.178	0.369
13499	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.178	0.489
05632	Emu, top loin, cooked, broiled	85.0	1.0 serving (3 oz)	0.178	0.468
23068	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.178	0.488
10192	Pork, fresh, backribs, separable lean and fat, raw	85.0	3.0 oz	0.178	0.434
15011	Fish, catfish, channel, cooked, breaded and fried	87.0	1.0 fillet	0.178	0.458
05359	Chicken, broiler, rotisserie, BBQ, drumstick meat and skin	71.0	1.0 drumstick	0.178	0.498
20320	Cornmeal, whole-grain, white	122.0	1.0 cup	0.178	0.207
20020	Cornmeal, whole-grain, yellow	122.0	1.0 cup	0.178	0.207
05661	Chicken, liver, all classes, cooked, pan-fried	44.0	1.0 liver	0.178	0.282
23291	Beef, top loin petite roast/filet, boneless, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.178	0.476
23001	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.178	0.471
10885	Pork, cured, ham -- water added, shank, bone-in, separable lean only, unheated	85.0	3.0 oz	0.178	0.379
10916	Pork, cured, ham -- water added, slice, boneless, separable lean and fat, heated, pan-broil	85.0	1.0 serving (3 oz)	0.178	0.378
10914	Pork, cured, ham -- water added, shank, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.178	0.373
17192	Lamb, variety meats and by-products, heart, cooked, braised	85.0	3.0 oz	0.178	0.465
20036	Rice, brown, long-grain, raw	185.0	1.0 cup	0.178	0.331
11656	Corn pudding, home prepared	250.0	1.0 cup	0.178	0.285
16048	Beans, yellow, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.177	0.244
16348	Beans, yellow, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.177	0.244

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15240	Fish, trout, rainbow, farmed, raw	79.0	1.0 fillet	0.177	0.488
01034	Cheese, port de salut	132.0	1.0 cup, diced	0.177	0.969
15065	Fish, pollock, Atlantic, raw	85.0	3.0 oz	0.177	0.490
15031	Fish, grouper, mixed species, raw	85.0	3.0 oz	0.177	0.488
23217	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.177	0.469
15219	Fish, trout, mixed species, cooked, dry heat	62.0	1.0 fillet	0.177	0.489
20127	Spaghetti, spinach, cooked	140.0	1.0 cup	0.176	0.099
15114	Fish, trout, mixed species, raw	79.0	1.0 fillet	0.176	0.486
05313	Chicken, wing, frozen, glazed, barbecue flavored, heated (microwave)	74.0	1.0 serving	0.176	0.394
12170	Seeds, sesame flour, high-fat	28.35	1.0 oz	0.176	0.288
15051	Fish, mackerel, spanish, raw	85.0	3.0 oz	0.176	0.485
15144	Crustaceans, crab, queen, raw	85.0	3.0 oz	0.176	0.443
05314	Chicken, broilers or fryers, breast, skinless, boneless, meat only, with added solution, raw	85.0	3.0 oz	0.176	0.437
13356	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.176	0.481
16046	Beans, small white, mature seeds, cooked, boiled, without salt	179.0	1.0 cup	0.175	0.242
16346	Beans, small white, mature seeds, cooked, boiled, with salt	179.0	1.0 cup	0.175	0.242
16331	Beans, kidney, california red, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.175	0.242
16031	Beans, kidney, california red, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.175	0.242
23066	Beef, chuck, short ribs, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.175	0.480
23169	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.175	0.462
05732	Turkey, retail parts, breast, meat and skin, raw	85.0	3.0 oz	0.175	0.502
15062	Fish, pike, northern, raw	85.0	3.0 oz	0.175	0.484
36040	CRACKER BARREL, macaroni n' cheese	175.0	1.0 serving	0.175	0.298
21299	Fast Food, Pizza Chain, 14" pizza, cheese topping, regular crust	107.0	1.0 slice	0.174	0.282
13905	Beef, short loin, porterhouse steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.174	0.466
05294	Turkey thigh, pre-basted, meat and skin, cooked, roasted	85.0	3.0 oz	0.174	0.452
15064	Fish, pike, walleye, raw	85.0	3.0 oz	0.174	0.481
10919	Pork, cured, ham and water product, shank, bone-in, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.174	0.361
23005	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.174	0.462
23213	Beef, rib eye steak/roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.174	0.459
13359	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.174	0.477

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15136	Crustaceans, crab, alaska king, raw	85.0	3.0 oz	0.174	0.438
15130	Fish, whitefish, mixed species, raw	85.0	3.0 oz	0.174	0.480
01030	Cheese, muenster	132.0	1.0 cup, diced	0.174	0.751
20143	Teff, cooked	252.0	1.0 cup	0.174	0.315
90240	Mollusks, scallop, (bay and sea), cooked, steamed	85.0	3.0 oz	0.173	0.414
15158	Mollusks, clam, mixed species, cooked, breaded and fried	85.0	3.0 oz	0.173	0.275
15044	Fish, ling, raw	85.0	3.0 oz	0.173	0.478
01005	Cheese, brick	132.0	1.0 cup, diced	0.173	0.746
20040	Rice, brown, medium-grain, raw	190.0	1.0 cup	0.173	0.321
23281	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.173	0.457
05181	Turkey from whole, light meat, meat and skin, raw	85.0	3.0 oz	0.173	0.472
05718	Turkey, breast, from whole bird, meat only, with added solution, roasted	85.0	3.0 oz	0.173	0.479
15033	Fish, haddock, raw	85.0	3.0 oz	0.173	0.476
05729	Turkey, wing, from whole bird, meat only, with added solution, raw	85.0	3.0 oz	0.173	0.479
22908	Beef, corned beef hash, with potato, canned	236.0	1.0 cup	0.172	0.323
11311	Peas, green, canned, drained solids, rinsed in tap water	257.0	1.0 can	0.172	0.257
05744	Turkey, back, from whole bird, meat and skin, with added solution, raw	114.0	4.0 oz	0.172	0.457
21264	TACO BELL, Bean Burrito	185.0	1.0 each burrito	0.172	0.213
05165	Turkey, whole, meat and skin, raw	85.0	3.0 oz	0.172	0.471
23104	Beef, chuck, under blade pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.172	0.463
17155	Veal, Australian, rib, rib roast, separable lean and fat, raw	85.0	3.0 oz	0.172	0.354
23218	Beef, plate steak, boneless, inside skirt, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.172	0.459
17343	Game meat, deer, ground, raw	85.0	1.0 patty (cooked from 4 oz raw)	0.172	0.429
15090	Fish, scup, raw	85.0	3.0 oz	0.172	0.475
13791	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.172	0.465
23270	Beef, ribeye cap steak, boneless, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.172	0.459
10879	Pork, cured, ham -- water added, whole, boneless, separable lean only, heated, roasted	85.0	3.0 oz	0.172	0.366
15139	Crustaceans, crab, blue, raw	85.0	3.0 oz	0.172	0.432
21275	PIZZA HUT 12" Pepperoni Pizza, Pan Crust	96.0	1.0 slice	0.171	0.237
13788	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.171	0.462
23102	Beef, chuck, under blade pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.171	0.463

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15264	Salmon, sockeye, canned, drained solids, without skin and bones	85.0	3.0 oz	0.171	0.660
13907	Beef, short loin, t-bone steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.171	0.458
23103	Beef, chuck, under blade pot roast or steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.171	0.462
23110	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.171	0.463
05187	Turkey from whole, dark meat, meat only, raw	85.0	1.0 serving	0.171	0.473
10080	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean and fat, raw	85.0	3.0 oz	0.171	0.408
13786	Beef, chuck eye roast, boneless, America's Beef Roast, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.171	0.463
05740	Turkey, thigh, from whole bird, meat only, raw	85.0	3.0 oz	0.171	0.473
23139	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.170	0.461
10917	Pork, cured, ham -- water added, whole, boneless, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.170	0.360
21009	Fast foods, biscuit, with sausage	111.0	1.0 item	0.170	0.180
15203	Fish, monkfish, cooked, dry heat	85.0	3.0 oz	0.169	0.467
23108	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.169	0.458
23137	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.169	0.458
20061	Rice flour, white, unenriched	158.0	1.0 cup	0.169	0.228
16146	Beans, pinto, canned, drained solids	277.0	1.0 can drained solids	0.169	0.235
21274	PIZZA HUT 12" Pepperoni Pizza, Hand-Tossed Crust	96.0	1.0 slice	0.169	0.261
07074	Smoked link sausage, pork	68.0	1.0 link (4" long x 1-1/8" dia)	0.169	0.405
05028	Chicken, liver, all classes, cooked, simmered	44.0	1.0 liver	0.169	0.268
17377	Lamb, New Zealand, imported, testes, raw	113.0	4.0 oz	0.168	0.420
15070	Fish, rockfish, Pacific, mixed species, raw	85.0	3.0 oz	0.168	0.496
23143	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.168	0.456
23282	Beef, loin, top sirloin cap steak, boneless, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.168	0.451
15025	Fish, eel, mixed species, raw	85.0	3.0 oz	0.168	0.464
10953	Pork, fresh, shoulder, (Boston butt), blade (steaks), separable lean and fat,with added solution, raw	85.0	3.0 oz	0.168	0.402
23144	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.168	0.456
23109	Beef, chuck, under blade center steak, boneless, Denver Cut, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.168	0.455
23138	Beef, chuck eye Country-Style ribs, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.168	0.456

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15023	Fish, mahimahi, raw	85.0	3.0 oz	0.168	0.466
23145	Beef, chuck eye steak, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.168	0.456
12144	Nuts, pecans, oil roasted, without salt added	110.0	1.0 cup	0.168	0.201
12644	Nuts, pecans, oil roasted, with salt added	110.0	1.0 cup	0.168	0.201
20029	Couscous, cooked	157.0	1.0 cup, cooked	0.168	0.093
19205	Egg custards, dry mix, prepared with 2% milk	141.0	0.5 cup	0.168	0.141
20106	Macaroni, vegetable, enriched, cooked	134.0	1.0 cup spiral shaped	0.168	0.094
05717	Turkey, retail parts, thigh, meat only, raw	85.0	3.0 oz	0.167	0.489
15196	Fish, halibut, greenland, cooked, dry heat	85.0	3.0 oz	0.167	0.463
10889	Pork, cured, ham and water product, shank, bone-in, unheated, separable lean only	85.0	3.0 oz	0.167	0.356
05704	Turkey, whole, meat only, with added solution, raw	85.0	3.0 oz	0.167	0.464
16041	Beans, pink, mature seeds, cooked, boiled, without salt	169.0	1.0 cup	0.167	0.230
16341	Beans, pink, mature seeds, cooked, boiled, with salt	169.0	1.0 cup	0.167	0.230
36037	Restaurant, family style, chili with meat and beans	136.0	1.0 cup	0.167	0.378
36019	APPLEBEE'S, chili	136.0	1.0 cup	0.167	0.378
17358	Lamb, New Zealand, imported, brains, raw	113.0	4.0 oz	0.167	0.418
13498	Beef, ground, 70% lean meat / 30% fat, raw	113.0	4.0 oz	0.167	0.417
07089	Sausage, Italian, pork, cooked	83.0	1.0 link, 4/lb	0.167	0.403
23230	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.167	0.443
15166	Mollusks, octopus, common, raw	85.0	3.0 oz	0.167	0.286
15243	Crustaceans, crayfish, mixed species, farmed, cooked, moist heat	85.0	3.0 oz	0.167	0.420
05178	Turkey, liver, all classes, cooked, simmered	53.0	1.0 liver cooked	0.166	0.361
16333	Beans, kidney, red, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.166	0.230
16033	Beans, kidney, red, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.166	0.230
16328	Beans, kidney, all types, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.166	0.230
05050	Chicken, broilers or fryers, back, meat and skin, cooked, fried, flour	44.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.166	0.323
15143	Crustaceans, crab, dungeness, raw	85.0	3.0 oz	0.166	0.416
23183	Beef, rib, back ribs, bone-in, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.166	0.441
10886	Pork, cured, ham -- water added, slice, bone-in, separable lean only, unheated	85.0	3.0 oz	0.166	0.354
10880	Pork, cured, ham -- water added, whole, boneless, separable lean only, unheated	85.0	3.0 oz	0.166	0.353
12142	Nuts, pecans	109.0	1.0 cup, chopped	0.166	0.199
05177	Turkey, liver, all classes, raw	78.0	1.0 raw liver	0.165	0.360
16315	Beans, black, mature seeds, cooked, boiled, with salt	172.0	1.0 cup	0.165	0.229
16015	Beans, black, mature seeds, cooked, boiled, without salt	172.0	1.0 cup	0.165	0.229
16353	Broadbeans (fava beans), mature seeds, cooked, boiled, with salt	170.0	1.0 cup	0.165	0.105

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05716	Turkey, retail parts, drumstick, meat only, raw	85.0	3.0 oz	0.165	0.456
16053	Broadbeans (fava beans), mature seeds, cooked, boiled, without salt	170.0	1.0 cup	0.165	0.105
16317	Beans, black turtle, mature seeds, cooked, boiled, with salt	185.0	1.0 cup	0.165	0.228
16017	Beans, black turtle, mature seeds, cooked, boiled, without salt	185.0	1.0 cup	0.165	0.228
23320	Beef, Australian, imported, Wagyu, loin, top loin steak/roast, separable lean and fat, Aust. marble score 9, raw	114.0	4.0 oz	0.164	0.449
23226	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.164	0.433
23194	Beef, rib eye steak/roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, select, raw	85.0	3.0 oz	0.164	0.433
21441	KFC, Fried Chicken, EXTRA CRISPY, Wing, meat and skin with breading	68.0	1.0 wing, with skin	0.164	0.205
22963	Lean Pockets, Meatballs & Mozzarella	128.0	1.0 each	0.164	0.262
22537	HOT POCKETS Ham 'N Cheese Stuffed Sandwich, frozen	127.0	1.0 serving (1 hot pocket)	0.164	0.240
01029	Cheese, mozzarella, low moisture, part-skim	132.0	1.0 cup, diced	0.164	0.727
21298	PIZZA HUT 14" Super Supreme Pizza, Hand-Tossed Crust	123.0	1.0 slice	0.164	0.246
08084	Cereals ready-to-eat, wheat germ, toasted, plain	28.35	1.0 oz	0.163	0.163
23171	Beef, plate steak, boneless, outside skirt, separable lean only, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.163	0.435
07979	Sausage, pork, turkey, and beef, reduced sodium	85.0	3.0 oz	0.163	0.408
23201	Beef, rib eye steak/roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.163	0.434
05727	Turkey, retail parts, breast, meat and skin, with added solution, raw	85.0	3.0 oz	0.163	0.481
05357	Chicken, broiler, rotisserie, BBQ, back meat and skin	85.0	3.0 oz	0.163	0.456
21109	Fast foods, hamburger; single, regular patty; with condiments and vegetables	110.0	1.0 item	0.163	0.264
07036	Sausage, Italian, pork, raw	113.0	1.0 link, 4/lb	0.163	0.391
17375	Lamb, New Zealand, imported, sweetbread, raw	113.0	4.0 oz	0.163	0.406
22962	LEAN POCKETS, Ham N Cheddar	127.0	1.0 hot pocket (1 NLEA serving)	0.163	0.277
01025	Cheese, monterey	132.0	1.0 cup, diced	0.162	0.846
01009	Cheese, cheddar	132.0	1.0 cup, diced	0.162	0.722
15008	Fish, carp, raw	85.0	3.0 oz	0.162	0.449
23568	Beef, ground, 85% lean meat / 15% fat, patty, cooked, broiled	85.0	3.0 oz	0.162	0.406
15015	Fish, cod, Atlantic, raw	85.0	3.0 oz	0.162	0.448
23567	Beef, ground, 85% lean meat / 15% fat, raw	85.0	3.0 oz	0.162	0.406
15265	Fish, Salmon, pink, canned, drained solids, without skin and bones	85.0	3.0 oz	0.162	0.589
36410	Restaurant, Latino, pupusas del cerdo (pupusas, pork)	122.0	1.0 piece	0.162	0.327
07038	Knackwurst, knockwurst, pork, beef	72.0	1.0 link	0.162	0.199
16375	Lima beans, thin seeded (baby), mature seeds, cooked, boiled, with salt	182.0	1.0 cup	0.162	0.186

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16075	Lima beans, thin seeded (baby), mature seeds, cooked, boiled, without salt	182.0	1.0 cup	0.162	0.186
16072	Lima beans, large, mature seeds, cooked, boiled, without salt	188.0	1.0 cup	0.162	0.186
16372	Lima beans, large, mature seeds, cooked, boiled, with salt	188.0	1.0 cup	0.162	0.186
15212	Fish, salmon, pink, cooked, dry heat	85.0	3.0 oz	0.161	0.588
15004	Fish, bass, striped, raw	85.0	3.0 oz	0.161	0.446
15013	Fish, cisco, raw	79.0	1.0 fillet	0.161	0.444
16025	Beans, great northern, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.161	0.221
16325	Beans, great northern, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.161	0.221
16302	Beans, adzuki, mature seed, cooked, boiled, with salt	230.0	1.0 cup	0.161	0.182
16002	Beans, adzuki, mature seeds, cooked, boiled, without salt	230.0	1.0 cup	0.161	0.182
19061	Snacks, trail mix, tropical	140.0	1.0 cup	0.161	0.204
16360	Chickpeas (garbanzo beans, bengal gram), mature seeds, canned, solids and liquids, low sodium	240.0	1.0 cup	0.161	0.156
16058	Chickpeas (garbanzo beans, bengal gram), mature seeds, canned, solids and liquids	240.0	1.0 cup	0.161	0.156
23322	Beef, Australian, imported, Wagyu, rib, small end rib steak/roast, boneless, separable lean and fat, Aust. marble score 9, raw	114.0	4.0 oz	0.161	0.440
15099	Fish, smelt, rainbow, raw	85.0	3.0 oz	0.161	0.444
15045	Fish, lingcod, raw	85.0	3.0 oz	0.161	0.445
05075	Chicken, broilers or fryers, leg, meat and skin, raw	85.0	3.0 oz	0.161	0.373
15187	Fish, bass, freshwater, mixed species, cooked, dry heat	62.0	1.0 fillet	0.161	0.444
15146	Crustaceans, crayfish, mixed species, wild, cooked, moist heat	85.0	3.0 oz	0.160	0.401
15024	Fish, drum, freshwater, raw	85.0	3.0 oz	0.160	0.441
15134	Fish, wolffish, Atlantic, raw	85.0	3.0 oz	0.160	0.440
23130	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.160	0.432
15112	Fish, tilefish, raw	85.0	3.0 oz	0.160	0.440
23231	Beef, rib eye steak, boneless, lip off, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.160	0.428
15003	Fish, bass, fresh water, mixed species, raw	79.0	1.0 fillet	0.160	0.441
06015	Soup, chicken, canned, chunky, ready-to-serve	245.0	1.0 cup	0.159	0.238
15177	Mollusks, whelk, unspecified, raw	85.0	3.0 oz	0.159	0.513
01214	Milk, canned, evaporated, without added vitamin A and vitamin D	252.0	1.0 cup	0.159	0.431
01291	Milk, evaporated, 2% fat, with added vitamin A and vitamin D	252.0	1.0 cup	0.159	0.431
32026	Turnover, chicken- or turkey-, and vegetable-filled, reduced fat, frozen	127.0	1.0 piece turnover 1 serving	0.159	0.291
15019	Fish, cod, Pacific, raw (may have been previously frozen)	116.0	1.0 fillet	0.158	0.485
10101	Pork, fresh, variety meats and by-products, ears, frozen, cooked, simmered	111.0	1.0 ear (yield after cooking)	0.158	0.142
23192	Beef, rib eye steak/roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, all grades, raw	85.0	3.0 oz	0.157	0.417

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23202	Beef, rib eye steak/roast, boneless, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.157	0.422
01011	Cheese, colby	132.0	1.0 cup, diced	0.157	0.821
16005	Beans, baked, home prepared	253.0	1.0 cup	0.157	0.218
21271	PIZZA HUT 12" Cheese Pizza, Hand-Tossed Crust	96.0	1.0 slice	0.156	0.253
17357	Lamb, New Zealand, imported, brains, cooked, soaked and fried	85.0	3.0 oz	0.156	0.389
05736	Turkey, retail parts, drumstick, meat and skin, raw	85.0	3.0 oz	0.156	0.430
15208	Fish, sablefish, cooked, dry heat	85.0	3.0 oz	0.156	0.433
16059	Chili with beans, canned	256.0	1.0 cup	0.156	0.243
21272	PIZZA HUT 12" Cheese Pizza, Pan Crust	100.0	1.0 slice	0.156	0.266
16021	Beans, cranberry (roman), mature seeds, canned	260.0	1.0 cup	0.156	0.216
16434	Yardlong beans, mature seeds, cooked, boiled, with salt	171.0	1.0 cup	0.156	0.202
16134	Yardlong beans, mature seeds, cooked, boiled, without salt	171.0	1.0 cup	0.156	0.202
23224	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.156	0.414
05295	Turkey roast, boneless, frozen, seasoned, light and dark meat, raw	85.0	3.0 oz	0.156	0.433
23128	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.156	0.422
21262	TACO BELL, Soft Taco with chicken, cheese and lettuce	98.0	1.0 each taco	0.155	0.309
05720	Turkey, back, from whole bird, meat only, with added solution, roasted	85.0	3.0 oz	0.155	0.428
15094	Fish, shad, american, raw	85.0	3.0 oz	0.155	0.426
05726	Turkey, thigh, from whole bird, meat only, with added solution, raw	85.0	3.0 oz	0.155	0.428
05092	Chicken, broilers or fryers, thigh, meat and skin, cooked, fried, batter	52.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.154	0.295
35147	Tamales (Navajo)	186.0	1.0 piece	0.154	0.279
20048	Rice, white, long-grain, precooked or instant, enriched, dry	95.0	1.0 cup	0.154	0.179
16343	Beans, pinto, mature seeds, cooked, boiled, with salt	171.0	1.0 cup	0.154	0.215
16061	Cowpeas, catjang, mature seeds, cooked, boiled, without salt	171.0	1.0 cup	0.154	0.198
16361	Cowpeas, catjang, mature seeds, cooked, boiled, with salt	171.0	1.0 cup	0.154	0.198
23129	Beef, chuck, short ribs, boneless, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.154	0.416
20410	Noodles, egg, unenriched, cooked, without added salt	160.0	1.0 cup	0.154	0.138
20510	Noodles, egg, cooked, unenriched, with added salt	160.0	1.0 cup	0.154	0.138
20110	Noodles, egg, enriched, cooked	160.0	1.0 cup	0.154	0.138
20310	Noodles, egg, cooked, enriched, with added salt	160.0	1.0 cup	0.154	0.138
17345	Game meat, deer, loin, separable lean only, 1" steak, cooked, broiled	54.0	1.0 steak	0.153	0.383
01208	Cheese, provolone, reduced fat	132.0	1.0 cup, diced	0.153	0.906
01035	Cheese, provolone	132.0	1.0 cup, diced	0.153	0.906
15087	Fish, salmon, sockeye, canned, drained solids	85.0	3.0 oz	0.153	0.592

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
05139	Duck, domesticated, meat and skin, raw	85.0	3.0 oz	0.153	0.247
05170	Turkey, skin from whole (light and dark), roasted	85.0	1.0 serving	0.153	0.341
23193	Beef, rib eye steak/roast, bone-in, lip-on, separable lean and fat, trimmed to 1/8" fat, choice, raw	85.0	3.0 oz	0.153	0.411
15107	Fish, sucker, white, raw	85.0	3.0 oz	0.153	0.422
20114	Noodles, japanese, soba, dry	57.0	2.0 oz	0.153	0.116
05346	Chicken, broilers or fryers, wing, meat only, cooked, rotisserie, original seasoning	53.0	1.0 wing	0.153	0.447
05343	Chicken, broilers or fryers, drumstick, meat only, cooked, rotisserie, original seasoning	53.0	1.0 drumstick	0.153	0.425
22961	HOT POCKETS, meatballs & mozzarella stuffed sandwich, frozen	127.0	1.0 hot pocket (1 NLEA serving)	0.152	0.235
05734	Turkey, retail parts, wing, meat and skin, raw	85.0	3.0 oz	0.152	0.425
15093	Fish, seatrout, mixed species, raw	85.0	3.0 oz	0.152	0.422
10088	Pork, fresh, spareribs, separable lean and fat, raw	85.0	3.0 oz	0.152	0.362
05742	Turkey, retail parts, thigh, meat and skin, raw	85.0	3.0 oz	0.152	0.434
15260	Fish, salmon, pink, canned, drained solids	85.0	3.0 oz	0.152	0.552
05668	Ground turkey, 85% lean, 15% fat, raw	85.0	1.0 patty (cooked from 4 oz raw)	0.152	0.422
15145	Crustaceans, crayfish, mixed species, wild, raw	85.0	3.0 oz	0.152	0.382
23225	Beef, plate steak, boneless, outside skirt, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.151	0.405
05745	Turkey, back, from whole bird, meat and skin, with added solution, roasted	85.0	3.0 oz	0.151	0.401
15059	Fish, pout, ocean, raw	85.0	3.0 oz	0.151	0.418
15020	Fish, croaker, Atlantic, raw	79.0	1.0 fillet	0.151	0.416
11039	Lima beans, immature seeds, frozen, baby, unprepared	164.0	1.0 cup	0.151	0.123
15067	Fish, pollock, Alaska, cooked, dry heat (may have been previously frozen)	60.0	1.0 fillet	0.151	0.418
21437	KFC, Fried Chicken, ORIGINAL RECIPE, Wing, meat and skin with breading	60.0	1.0 wing, with skin	0.151	0.188
17187	Lamb, variety meats and by-products, brain, cooked, pan-fried	85.0	3.0 oz	0.150	0.287
15192	Fish, cod, Pacific, cooked, dry heat (may have been previously frozen)	90.0	1.0 fillet	0.150	0.461
13333	Beef, variety meats and by-products, spleen, raw	28.35	1.0 oz	0.150	0.096
07016	Cheesefurter, cheese smokie, pork, beef	100.0	2.33 links	0.150	0.360
19041	Snacks, pork skins, plain	28.35	1.0 oz	0.150	0.136
25017	Formulated bar, POWER BAR, chocolate	68.0	1.0 bar	0.150	0.197
23238	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, select, raw	85.0	3.0 oz	0.150	0.394
15043	Fish, herring, Pacific, raw	85.0	3.0 oz	0.150	0.412
15010	Fish, catfish, channel, wild, raw	85.0	3.0 oz	0.150	0.412
05691	Chicken, dark meat, thigh, meat and skin, with added solution, raw	85.0	3.0 oz	0.150	0.355
15157	Mollusks, clam, mixed species, raw	85.0	3.0 oz	0.149	0.360
05706	Turkey, whole, meat and skin, with added solution, raw	85.0	3.0 oz	0.149	0.405

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
15073	Fish, roughy, orange, raw	85.0	3.0 oz	0.148	0.447
01024	Cheese, limburger	134.0	1.0 cup	0.147	0.829
10866	Pork, cured, ham -- water added, rump, bone-in, separable lean only, unheated	85.0	3.0 oz	0.147	0.314
15104	Fish, sturgeon, mixed species, raw	85.0	3.0 oz	0.147	0.406
17449	Lamb, Australian, imported, fresh, external fat, cooked	85.0	3.0 oz	0.147	0.347
01048	Cheese spread, pasteurized process, American	140.0	1.0 cup, diced	0.147	0.753
20111	Noodles, egg, spinach, enriched, dry	38.0	1.0 cup	0.147	0.103
01168	Cheese, low fat, cheddar or colby	132.0	1.0 cup, diced	0.147	0.776
01169	Cheese, low-sodium, cheddar or colby	132.0	1.0 cup, diced	0.147	0.776
07006	Bockwurst, pork, veal, raw	91.0	1.0 sausage	0.147	0.303
20125	Pasta, whole-wheat, cooked	117.0	1.0 cup spaghetti not packed	0.146	0.113
20316	Corn flour, whole-grain, white	117.0	1.0 cup	0.146	0.170
20016	Corn flour, whole-grain, yellow	117.0	1.0 cup	0.146	0.170
15128	Fish, tuna salad	85.0	3.0 oz	0.146	0.399
15129	Fish, turbot, european, raw	85.0	3.0 oz	0.146	0.404
21433	KFC, Fried Chicken, EXTRA CRISPY, Wing, meat only, skin and breading removed	44.0	1.0 wing, without skin	0.146	0.183
12163	Seeds, pumpkin and squash seeds, whole, roasted, without salt	64.0	1.0 cup	0.146	0.267
18042	Bread, pita, whole-wheat	64.0	1.0 pita, large (6-1/2" dia)	0.146	0.098
12663	Seeds, pumpkin and squash seeds, whole, roasted, with salt added	64.0	1.0 cup	0.146	0.267
11716	Lima beans, immature seeds, frozen, baby, cooked, boiled, drained, with salt	180.0	1.0 cup	0.146	0.119
11040	Lima beans, immature seeds, frozen, baby, cooked, boiled, drained, without salt	180.0	1.0 cup	0.146	0.119
19408	Snacks, pork skins, barbecue-flavor	28.35	1.0 oz	0.146	0.135
16363	Cowpeas, common (blackeyes, crowder, southern), mature seeds, cooked, boiled, with salt	171.0	1.0 cup	0.145	0.188
16063	Cowpeas, common (blackeyes, crowder, southern), mature seeds, cooked, boiled, without salt	171.0	1.0 cup	0.145	0.188
01057	Eggnog	254.0	1.0 cup	0.145	0.305
20087	Wheat, sprouted	108.0	1.0 cup	0.145	0.125
12167	Nuts, chestnuts, european, roasted	143.0	1.0 cup	0.144	0.107
16009	Beans, baked, canned, with pork	253.0	1.0 cup	0.144	0.202
21118	Fast foods, hotdog, plain	98.0	1.0 sandwich	0.144	0.195
06050	Soup, pea, split with ham, canned, chunky, ready-to-serve	240.0	1.0 cup	0.144	0.149
16043	Beans, pinto, mature seeds, cooked, boiled, without salt	171.0	1.0 cup	0.144	0.200
05349	Chicken, broilers or fryers, drumstick, meat and skin, cooked, rotisserie, original seasoning	53.0	1.0 drumstick	0.144	0.402
15142	Crustaceans, crab, blue, crab cakes, home recipe	60.0	1.0 cake	0.143	0.341

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16028	Beans, kidney, all types, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.143	0.200
16103	Refried beans, canned, traditional style (includes USDA commodity)	238.0	1.0 cup	0.143	0.198
22977	Lasagna with meat sauce, frozen, prepared	123.0	1.0 piece side	0.143	0.202
05630	Emu, outside drum, raw	85.0	3.0 oz	0.142	0.372
36601	Restaurant, Chinese, egg rolls, assorted	89.0	1.0 piece	0.142	0.131
15207	Fish, roe, mixed species, cooked, dry heat	28.35	1.0 oz	0.141	0.201
11714	Lima beans, immature seeds, cooked, boiled, drained, with salt	170.0	1.0 cup	0.141	0.116
15242	Crustaceans, crayfish, mixed species, farmed, raw	85.0	3.0 oz	0.141	0.355
11032	Lima beans, immature seeds, cooked, boiled, drained, without salt	170.0	1.0 cup	0.141	0.116
05339	Chicken, broiler, rotisserie, BBQ, wing, meat only	51.0	1.0 wing	0.141	0.413
22916	Lasagna with meat & sauce, frozen entree	134.0	1.0 piece side	0.141	0.200
20091	Pasta, gluten-free, corn, dry	105.0	1.0 cup	0.141	0.164
36614	DENNY'S, chicken nuggets, star shaped, from kid's menu	67.0	1.0 serving 4 pieces in serving	0.141	0.297
21417	POPEYES, Mild Chicken Strips, analyzed 2006	54.0	1.0 strip	0.140	0.248
05631	Emu, oyster, raw	85.0	3.0 oz	0.140	0.368
05626	Emu, full rump, raw	85.0	3.0 oz	0.140	0.368
23236	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, all grades, raw	85.0	3.0 oz	0.140	0.371
20421	Pasta, cooked, unenriched, without added salt	124.0	1.0 cup spaghetti not packed	0.140	0.081
20521	Pasta, cooked, unenriched, with added salt	124.0	1.0 cup spaghetti not packed	0.140	0.081
05173	Turkey, gizzard, all classes, raw	63.0	1.0 raw gizzard	0.140	0.304
36403	Restaurant, Latino, empanadas, beef, prepared	89.0	1.0 piece	0.140	0.184
20090	Rice flour, brown	158.0	1.0 cup	0.139	0.258
20121	Pasta, cooked, enriched, without added salt	124.0	1.0 cup spaghetti not packed	0.139	0.079
20321	Pasta, cooked, enriched, with added salt	124.0	1.0 cup spaghetti not packed	0.139	0.079
21418	POPEYES, Spicy Chicken Strips, analyzed 2006	53.0	1.0 strip	0.139	0.252
10888	Pork, cured, ham and water product, slice, bone-in, separable lean only, unheated	85.0	3.0 oz	0.139	0.294
05623	Emu, fan fillet, raw	85.0	1.0 serving (3 oz)	0.139	0.363
16038	Beans, navy, mature seeds, cooked, boiled, without salt	182.0	1.0 cup	0.138	0.202
16338	Beans, navy, mature seeds, cooked, boiled, with salt	182.0	1.0 cup	0.138	0.202
11211	Edamame, frozen, unprepared	118.0	1.0 cup	0.138	0.157
15234	Fish, catfish, channel, farmed, raw	85.0	3.0 oz	0.138	0.378
01226	Egg substitute, liquid or frozen, fat free	60.0	0.25 cup	0.137	0.232
32000	Rice and vermicelli mix, beef flavor, unprepared	61.0	0.333 cup	0.137	0.101
05054	Chicken, broilers or fryers, back, meat only, cooked, fried	35.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.137	0.288
05625	Emu, flat fillet, raw	85.0	3.0 oz	0.137	0.359
13342	Beef, sandwich steaks, flaked, chopped, formed and thinly sliced, raw	85.0	3.0 oz	0.137	0.332

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13345	Beef, cured, breakfast strips, cooked	34.0	3.0 slices	0.136	0.247
16023	Beans, french, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.136	0.188
16323	Beans, french, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.136	0.188
05093	Chicken, broilers or fryers, thigh, meat and skin, cooked, fried, flour	38.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.136	0.271
01123	Egg, whole, raw, fresh	50.0	1.0 large	0.136	0.190
05628	Emu, inside drum, raw	85.0	3.0 oz	0.136	0.358
17208	Veal, variety meats and by-products, lungs, cooked, braised	85.0	3.0 oz	0.136	0.252
01166	Cheese, mexican, queso asadero	132.0	1.0 cup, diced	0.136	0.783
01131	Egg, whole, cooked, poached	50.0	1.0 large	0.136	0.189
01128	Egg, whole, cooked, fried	46.0	1.0 large	0.135	0.189
07968	Kielbasa, fully cooked, grilled	85.0	3.0 oz	0.135	0.243
15083	Fish, salmon, pink, raw	85.0	3.0 oz	0.135	0.490
23237	Beef, rib, back ribs, bone-in, separable lean and fat, trimmed to 0" fat, choice, raw	85.0	3.0 oz	0.135	0.360
21443	POPEYES, Fried Chicken, Mild, Drumstick, meat only, skin and breading removed	44.0	1.0 drumstick, bone and skin removed	0.135	0.169
05352	Chicken, broilers or fryers, wing, meat and skin, cooked, rotisserie, original seasoning	53.0	1.0 wing	0.135	0.396
21459	POPEYES, Fried Chicken, Mild, Wing, meat and skin with breading	57.0	1.0 wing, with skin	0.135	0.168
16316	Beans, black, mature seeds, canned, low sodium	240.0	1.0 cup	0.134	0.190
16018	Beans, black turtle, mature seeds, canned	240.0	1.0 cup	0.134	0.190
10872	Pork, cured, ham and water product, whole, boneless, separable lean only, unheated	85.0	3.0 oz	0.134	0.286
06451	Soup, pea, split with ham, canned, prepared with equal volume water	253.0	1.0 cup (8 fl oz)	0.134	0.139
06051	Soup, pea, split with ham, canned, condensed	135.0	0.5 cup (4 fl oz)	0.134	0.139
15253	Salmon, sockeye, canned, total can contents	85.0	3.0 oz	0.133	0.518
07059	Polish sausage, pork	85.0	3.0 oz	0.133	0.322
07910	Bratwurst, veal, cooked	84.0	1.0 serving 2.96 oz	0.133	0.275
07018	Chicken spread	56.0	1.0 serving (1 serving)	0.133	0.263
10871	Pork, cured, ham and water product, whole, boneless, separable lean only, heated, roasted	85.0	1.0 serving (3 oz)	0.133	0.282
10922	Pork, cured, ham and water product, whole, boneless, separable lean and fat, heated, roasted	85.0	1.0 serving (3 oz)	0.133	0.282
15054	Fish, monkfish, raw	85.0	3.0 oz	0.132	0.365
07958	Turkey sausage, fresh, cooked	57.0	1.0 serving	0.131	0.304
16402	Pigeon peas (red gram), mature seeds, cooked, boiled, with salt	168.0	1.0 cup	0.131	0.128
16102	Pigeon peas (red gram), mature seeds, cooked, boiled, without salt	168.0	1.0 cup	0.131	0.128
22900	Ravioli, meat-filled, with tomato sauce or meat sauce, canned	262.0	1.0 cup	--	0.131
15038	Fish, halibut, Greenland, raw	85.0	3.0 oz	0.131	0.361
18946	Pie crust, refrigerated, regular, baked	198.0	1.0 pie crust	0.131	0.099
22976	Ravioli, cheese with tomato sauce, frozen, not prepared, includes regular and light entrees	159.0	1.0 cup	0.130	0.122

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
22912	Spaghetti, with meatballs in tomato sauce, canned	246.0	1.0 cup	0.130	0.160
07928	Sausage, chicken, beef, pork, skinless, smoked	84.0	1.0 link	0.130	0.281
16073	Lima beans, large, mature seeds, canned	241.0	1.0 cup	0.130	0.149
01016	Cheese, cottage, lowfat, 1% milkfat	113.0	4.0 oz	0.130	0.421
25016	Formulated bar, MARS SNACKFOOD US, SNICKERS MARATHON Energy Bar, all flavors	55.0	1.0 bar	0.130	0.146
15213	Fish, scup, cooked, dry heat	50.0	1.0 fillet	0.130	0.358
21428	KFC, Fried Chicken, ORIGINAL RECIPE, Wing, meat only, skin and breading removed	39.0	1.0 wing wing without skin	0.129	0.162
11031	Lima beans, immature seeds, raw	156.0	1.0 cup	0.129	0.106
20013	Bulgur, cooked	182.0	1.0 cup	0.129	0.087
11658	Spinach souffle	136.0	1.0 cup	0.129	0.282
15084	Fish, salmon, pink, canned, total can contents	85.0	3.0 oz	0.129	0.471
05067	Chicken, broilers or fryers, drumstick, meat and skin, cooked, fried, batter	43.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.129	0.250
01026	Cheese, mozzarella, whole milk	112.0	1.0 cup, shredded	0.129	0.577
17190	Veal, variety meats and by-products, brain, cooked, pan-fried	85.0	3.0 oz	0.128	0.270
16337	Beans, kidney, red, mature seeds, canned, solids and liquid, low sodium	256.0	1.0 cup	0.128	0.179
36414	Restaurant, Latino, tripe soup	200.0	1.0 cup	0.128	0.328
16034	Beans, kidney, red, mature seeds, canned, solids and liquids	256.0	1.0 cup	0.128	0.179
22953	Egg rolls, pork, refrigerated, heated	85.0	1.0 roll	0.128	0.136
11414	Potato salad, home-prepared	250.0	1.0 cup	0.128	0.165
05095	Chicken, broilers or fryers, thigh, meat and skin, cooked, stewed	41.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.127	0.254
23614	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, choice, cooked, braised	28.35	1.0 oz	0.127	0.256
15216	Fish, spot, cooked, dry heat	50.0	1.0 fillet	0.127	0.351
23633	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, select, cooked, braised	28.35	1.0 oz	0.127	0.255
23602	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, all grades, cooked, braised	28.35	1.0 oz	0.127	0.256
15103	Fish, spot, raw	64.0	1.0 fillet	0.127	0.351
23593	Beef, round, bottom round, steak, separable lean only, trimmed to 1/8" fat, select, cooked, braised	28.35	1.0 oz	0.126	0.254
16084	Mungo beans, mature seeds, cooked, boiled, without salt	180.0	1.0 cup	0.126	0.198
16384	Mungo beans, mature seeds, cooked, boiled, with salt	180.0	1.0 cup	0.126	0.198
07925	Pastrami, beef, 98% fat-free	57.0	1.0 serving 6 slices	0.126	0.228
11717	Lima beans, immature seeds, frozen, fordhook, cooked, boiled, drained, with salt	170.0	1.0 cup	0.126	0.102
11038	Lima beans, immature seeds, frozen, fordhook, cooked, boiled, drained, without salt	170.0	1.0 cup	0.126	0.102

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23605	Beef, round, bottom round, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, braised	28.35	1.0 oz	0.126	0.253
16029	Beans, kidney, all types, mature seeds, canned	256.0	1.0 cup	0.125	0.174
23622	Beef, round, bottom round, steak, separable lean only, trimmed to 1/8" fat, choice, cooked, braised	28.35	1.0 oz	0.125	0.253
22959	Macaroni and cheese dinner with dry sauce mix, boxed, uncooked	70.0	1.0 serving (makes about 1 cup prepared)	0.125	0.117
16381	Mung beans, mature seeds, cooked, boiled, with salt	202.0	1.0 cup	0.125	0.170
16081	Mung beans, mature seeds, cooked, boiled, without salt	202.0	1.0 cup	0.125	0.170
01132	Egg, whole, cooked, scrambled	61.0	1.0 large	0.125	0.181
06070	Soup, chunky beef, canned, ready-to-serve	245.0	1.0 cup	0.125	0.252
11037	Lima beans, immature seeds, frozen, fordhook, unprepared	160.0	1.0 cup	0.125	0.101
15060	Fish, perch, mixed species, raw	60.0	1.0 fillet	0.125	0.344
16064	Cowpeas, common (blackeyes, crowder, southern), mature seeds, canned, plain	240.0	1.0 cup	0.125	0.161
01019	Cheese, feta	150.0	1.0 cup, crumbled	0.125	0.552
43273	Cheese, cottage, with vegetables	113.0	4.0 oz	0.124	0.406
01037	Cheese, ricotta, part skim milk	124.0	0.5 cup	0.124	0.352
15089	Fish, sardine, Pacific, canned in tomato sauce, drained solids with bone	89.0	1.0 cup	0.124	0.424
17006	Lamb, domestic, composite of trimmed retail cuts, separable fat, trimmed to 1/4" fat, choice, cooked	85.0	3.0 oz	0.123	0.265
07970	Kielbasa, fully cooked, unheated	85.0	3.0 oz	0.123	0.225
08578	Cereals, CREAM OF WHEAT, 1 minute cook time, cooked with water, microwaved, without salt	237.0	1.0 cup	0.123	0.154
21431	KFC, Fried Chicken, EXTRA CRISPY, Drumstick, meat only, skin and breading removed	41.0	1.0 drumstick, bone and skin removed	0.123	0.154
01036	Cheese, ricotta, whole milk	124.0	0.5 cup	0.123	0.348
11245	Lambsquarters, cooked, boiled, drained, without salt	180.0	1.0 cup, chopped	0.122	0.067
21261	TACO BELL, Soft Taco with beef, cheese and lettuce	102.0	1.0 each taco	0.122	0.199
11794	Lambsquarters, cooked, boiled, drained, with salt	180.0	1.0 cup, chopped	0.122	0.067
15074	Fish, sablefish, raw	85.0	3.0 oz	0.122	0.337
15061	Fish, perch, mixed species, cooked, dry heat	46.0	1.0 fillet	0.122	0.339
36412	Restaurant, Latino, tamale, pork	142.0	1.0 piece	0.122	0.267
06128	Soup, chicken noodle, dry, mix	74.0	1.0 packet	0.122	0.195
21426	KFC, Fried Chicken, ORIGINAL RECIPE, Drumstick, meat only, skin and breading removed	40.0	1.0 drumstick, bone and skin removed	0.122	0.152
08122	Cereals, oats, instant, fortified, plain, dry	28.0	1.0 packet	0.122	0.060
11715	Lima beans, immature seeds, canned, no salt added, solids and liquids	248.0	1.0 cup	0.122	0.099

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23595	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, all grades, cooked, braised	28.35	1.0 oz	0.121	0.245
23634	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, select, cooked, braised	28.35	1.0 oz	0.121	0.245
23615	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, choice, cooked, braised	28.35	1.0 oz	0.121	0.245
25025	Snacks, soy chips or crisps, salted	28.35	1.0 oz	0.121	0.109
18446	Pie crust, standard-type, frozen, ready-to-bake, unenriched	142.0	1.0 crust, single 9"	0.121	0.092
18080	Bread sticks, plain	46.0	1.0 cup, small pieces	0.121	0.098
01271	Cheese, mozzarella, low moisture, part-skim, shredded	86.0	1.0 cup	0.120	0.492
01113	Whey, acid, dried	57.0	1.0 cup	0.120	0.126
16335	Beans, kidney, red, mature seeds, canned, drained solids, rinsed in tap water	158.0	1.0 cup cup rinsed solids	0.120	0.167
25021	Formulated bar, LUNA BAR, NUTZ OVER CHOCOLATE	48.0	1.0 bar	0.120	0.125
05027	Chicken, liver, all classes, raw	44.0	1.0 liver	0.120	0.190
36404	Restaurant, Latino, arroz con leche (rice pudding)	283.0	1.0 serving	0.119	0.212
23036	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, select, raw	44.0	1.0 medallion	0.119	0.240
21083	Fast foods, taco salad	198.0	1.5 cup	0.119	0.287
10141	Pork, cured, ham, center slice, country-style, separable lean only, raw	28.35	1.0 oz	0.119	0.208
20654	Pasta, gluten-free, brown rice flour, cooked, TINKYADA	169.0	1.0 cup spaghetti not packed	0.118	0.134
18041	Bread, pita, white, enriched	60.0	1.0 pita, large (6-1/2" dia)	0.118	0.096
36003	APPLEBEE'S, KRAFT, Macaroni & Cheese, from kid's menu	124.0	1.0 cup	0.118	0.143
07939	Frankfurter, pork	76.0	1.0 link	0.118	0.243
19190	Puddings, chocolate, dry mix, regular, prepared with 2% milk	128.0	0.5 cup	0.118	0.091
07052	Pastrami, turkey	57.0	2.0 slices	0.117	0.292
21273	PIZZA HUT 12" Cheese Pizza, THIN 'N CRISPY Crust	69.0	1.0 slice	0.117	0.224
01108	Milk, indian buffalo, fluid	244.0	1.0 cup	0.117	0.237
23621	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, choice, cooked, broiled	28.35	1.0 oz	0.117	0.236
06249	Soup, pea, green, canned, prepared with equal volume milk	254.0	1.0 cup (8 fl oz)	0.117	0.206
20032	Millet, cooked	174.0	1.0 cup	0.117	0.122
20137	Quinoa, cooked	185.0	1.0 cup	0.117	0.178
23608	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	28.35	1.0 oz	0.117	0.235
15174	Mollusks, scallop, mixed species, imitation, made from surimi	85.0	3.0 oz	0.116	0.368
07955	Turkey sausage, fresh, raw	57.0	1.0 serving	0.116	0.237
23065	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, select, cooked, grilled	34.0	1.0 medallion	0.116	0.234

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23592	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, select, cooked, broiled	28.35	1.0 oz	0.116	0.233
36017	Restaurant, family style, macaroni & cheese, from kids' menu	136.0	1.0 cup	0.116	0.165
07920	Swisswurst, pork and beef, with swiss cheese, smoked	77.0	1.0 serving 2.7 oz	0.115	0.277
07917	Sausage, pork and beef, with cheddar cheese, smoked	77.0	12.0 oz serving 2.7 oz	0.115	0.277
12006	Seeds, chia seeds, dried	28.35	1.0 oz	0.115	0.167
05018	Chicken, broilers or fryers, skin only, cooked, roasted	34.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.115	0.138
25039	Snacks, granola bars, QUAKER OATMEAL TO GO, all flavors	60.0	1.0 bar	0.115	0.074
36602	Restaurant, Chinese, fried rice, without meat	137.0	1.0 cup	0.115	0.156
20655	Pasta, gluten-free, corn flour and quinoa flour, cooked, ANCIENT HARVEST	166.0	1.0 cup spaghetti packed	0.115	0.098
10110	Pork, fresh, variety meats and by-products, liver, raw	28.35	1.0 oz	0.115	0.150
05048	Chicken, broilers or fryers, back, meat and skin, raw	59.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.114	0.213
07927	Sausage, Italian, turkey, smoked	56.0	1.0 serving 2 oz	0.114	0.293
11323	Peas and carrots, frozen, cooked, boiled, drained, without salt	278.0	1.0 package (10 oz) yields	0.114	0.125
05300	Turkey sticks, breaded, battered, fried	64.0	1.0 stick (2.25 oz)	0.114	0.248
07978	Pork sausage, reduced sodium, cooked	85.0	3.0 oz	0.114	0.244
20109	Noodles, egg, dry, enriched	38.0	1.0 cup	0.114	0.102
20409	Noodles, egg, dry, unenriched	38.0	1.0 cup	0.114	0.102
36409	Restaurant, Latino, pupusas con queso (pupusas, cheese)	117.0	1.0 piece	0.113	0.405
05174	Turkey, gizzard, all classes, cooked, simmered	45.0	1.0 gizzard cooked	0.113	0.247
05051	Chicken, broilers or fryers, back, meat and skin, cooked, roasted	32.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.113	0.216
21286	PAPA JOHN'S 14" Cheese Pizza, Thin Crust	87.0	1.0 slice	0.113	0.196
15153	Crustaceans, shrimp, mixed species, imitation, made from surimi	85.0	3.0 oz	0.113	0.357
23586	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8" fat, select, cooked, broiled	28.35	1.0 oz	0.113	0.228
08147	Cereals ready-to-eat, POST, Shredded Wheat, original big biscuit	47.0	2.0 biscuits (1 NLEA serving)	0.113	0.080
16128	Tofu, dried-frozen (koyadofu)	17.0	1.0 piece	0.113	0.104
16428	Tofu, dried-frozen (koyadofu), prepared with calcium sulfate	17.0	1.0 piece	0.113	0.104
05097	Chicken, broilers or fryers, thigh, meat only, cooked, fried	31.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.112	0.241
07015	Brotwurst, pork, beef, link	70.0	1.0 link	0.112	0.259
11413	Potato flour	160.0	1.0 cup	0.112	0.171
22954	Egg rolls, chicken, refrigerated, heated	80.0	1.0 roll	0.112	0.152
01013	Cheese, cottage, creamed, with fruit	113.0	4.0 oz	0.112	0.362
16403	Refried beans, canned, traditional, reduced sodium	238.0	1.0 cup	0.112	0.155
12097	Nuts, chestnuts, european, raw, unpeeled	145.0	1.0 cup	0.112	0.083
12087	Nuts, cashew nuts, raw	28.35	1.0 oz	0.111	0.103

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17186	Lamb, variety meats and by-products, brain, cooked, braised	85.0	3.0 oz	0.111	0.212
15168	Mollusks, oyster, eastern, cooked, breaded and fried	85.0	3.0 oz	0.111	0.169
05019	Chicken, broilers or fryers, skin only, cooked, stewed	44.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.111	0.134
07935	Oven-roasted chicken breast roll	56.0	1.0 serving 2 oz	0.111	0.214
01165	Cheese, mexican, queso anejo	132.0	1.0 cup, crumbled	0.111	0.714
05143	Duck, domesticated, liver, raw	44.0	1.0 liver	0.111	0.195
05362	Chicken, broiler, rotisserie, BBQ, wing meat and skin	51.0	1.0 wing	0.111	0.324
07024	Frankfurter, chicken	85.0	3.0 oz	0.110	0.292
19169	Egg custards, dry mix	85.0	1.0 package (3 oz)	0.110	0.130
01295	Yogurt, vanilla, non-fat	245.0	1.0 cup (8 fl oz)	0.110	0.355
06406	Soup, bean with frankfurters, canned, prepared with equal volume water	250.0	1.0 cup (8 fl oz)	0.110	0.125
23620	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, choice, cooked, roasted	28.35	1.0 oz	0.109	0.221
16127	Tofu, soft, prepared with calcium sulfate and magnesium chloride (nigari)	120.0	1.0 piece (2-1/2" x 2-3/4" x 1")	0.109	0.101
16088	Peanuts, all types, cooked, boiled, with salt	63.0	1.0 cup in shell, edible yield	0.109	0.105
23598	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, all grades, cooked, roasted	28.35	1.0 oz	0.109	0.219
13344	Beef, cured, breakfast strips, raw or unheated	68.0	3.0 slices	0.109	0.197
23053	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, all grades, raw	41.0	1.0 medallion	0.109	0.219
23591	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, select, cooked, roasted	28.35	1.0 oz	0.108	0.219
23638	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	28.35	1.0 oz	0.108	0.218
23054	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, all grades, cooked, grilled	32.0	1.0 medallion	0.108	0.219
23629	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, choice, cooked, broiled	28.35	1.0 oz	0.108	0.218
12117	Nuts, coconut milk, raw (liquid expressed from grated meat and water)	240.0	1.0 cup	0.108	0.103
11373	Potatoes, au gratin, home-prepared from recipe using butter	245.0	1.0 cup	0.108	0.287
11843	Potatoes, au gratin, home-prepared from recipe using margarine	245.0	1.0 cup	0.108	0.287
23589	Beef, short loin, top loin, steak, separable lean only, trimmed to 1/8" fat, select, cooked, grilled	28.35	1.0 oz	0.108	0.217
23610	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	28.35	1.0 oz	0.108	0.217
19246	Frostings, white, fluffy, dry mix	207.0	1.0 package	0.108	0.149
23588	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, select, cooked, broiled	28.35	1.0 oz	0.107	0.217
05017	Chicken, broilers or fryers, skin only, cooked, fried, flour	33.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.107	0.125

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
23606	Beef, short loin, top loin, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	28.35	1.0 oz	0.107	0.216
20115	Noodles, japanese, soba, cooked	114.0	1.0 cup	0.107	0.082
19247	Frostings, white, fluffy, dry mix, prepared with water	315.0	1.0 package yields	0.107	0.151
21279	DOMINO'S 14" Cheese Pizza, Crunchy Thin Crust	70.0	1.0 slice	0.107	0.231
16163	MORI-NU, Tofu, silken, extra firm	84.0	1.0 slice	0.107	0.079
23630	Beef, short loin, top loin, steak, separable lean only, trimmed to 1/8" fat, choice, cooked, broiled	28.35	1.0 oz	0.107	0.215
23587	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, select, cooked, broiled	28.35	1.0 oz	0.106	0.215
23600	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	28.35	1.0 oz	0.106	0.214
11124	Carrots, raw	128.0	1.0 cup chopped	0.106	0.026
06064	Soup, turkey, chunky, canned, ready-to-serve	236.0	1.0 cup (8 fl oz)	0.106	0.215
23628	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, choice, cooked, broiled	28.35	1.0 oz	0.106	0.214
23034	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, choice, raw	40.0	1.0 medallion	0.106	0.214
11871	Succotash, (corn and limas), cooked, boiled, drained, with salt	192.0	1.0 cup	0.106	0.131
11496	Succotash, (corn and limas), cooked, boiled, drained, without salt	192.0	1.0 cup	0.106	0.131
17202	Veal, variety meats and by-products, liver, raw	28.35	1.0 oz	0.105	0.159
06061	Soup, tomato beef with noodle, canned, condensed	251.0	1.0 cup (8 fl oz)	0.105	0.166
16345	Beans, pinto, mature seeds, canned, drained solids, rinsed in tap water	169.0	1.0 cup	0.105	0.145
05015	Chicken, broilers or fryers, skin only, raw	47.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.104	0.125
23590	Beef, round, bottom round , roast, separable lean only, trimmed to 1/8" fat, select, cooked, roasted	28.35	1.0 oz	0.104	0.210
13350	Beef, cured, dried	28.0	10.0 slices	0.104	0.210
16003	Beans, adzuki, mature seeds, canned, sweetened	296.0	1.0 cup	0.104	0.118
23626	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8"fat, choice, cooked, broiled	28.35	1.0 oz	0.103	0.209
21421	KFC, Crispy Chicken Strips	47.0	1.0 strip	0.103	0.204
16011	Beans, baked, canned, with pork and tomato sauce	246.0	1.0 cup	0.103	0.098
05068	Chicken, broilers or fryers, drumstick, meat and skin, cooked, fried, flour	29.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.103	0.210
07077	Smoked link sausage, pork and beef, nonfat dry milk added	68.0	1.0 link (4" long x 1-1/8" dia)	0.103	0.234
23604	Beef, round, bottom round, roast, separable lean only, trimmed to 1/8" fat, all grades, cooked	28.35	1.0 oz	0.102	0.207
10106	Pork, fresh, variety meats and by-products, kidneys, raw	28.35	1.0 oz	0.102	0.100
07924	Bratwurst, pork, beef and turkey, lite, smoked	66.0	1.0 serving 2.33 oz	0.102	0.220
17189	Veal, variety meats and by-products, brain, cooked, braised	85.0	3.0 oz	0.102	0.214

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10128	Pork, cured, breakfast strips, raw or unheated	85.0	3.0 oz	0.102	0.220
20657	Pasta, gluten-free, corn and rice flour, cooked	141.0	1.0 cup spaghetti	--	0.102
12738	Nuts, mixed nuts, oil roasted, without peanuts, lightly salted	28.35	1.0 oz	0.101	0.091
23619	Beef, round, bottom round, roast, separable lean only, trimmed to 1/8" fat, choice, cooked, roasted	28.35	1.0 oz	0.101	0.204
23035	Beef, chuck, shoulder clod, shoulder tender, medallion, separable lean and fat, trimmed to 0" fat, choice, cooked, grilled	30.0	1.0 medallion	0.101	0.204
08113	Cereals, farina, enriched, cooked with water, without salt	240.0	1.0 cup	0.101	0.089
08105	Cereals, farina, enriched, assorted brands including CREAM OF WHEAT, quick (1-3 minutes), cooked with water, without salt	240.0	1.0 cup	0.101	0.091
18096	Cake, chocolate, commercially prepared with chocolate frosting, in-store bakery	138.0	1.0 piece (1/12 of a cake)	0.101	0.117
10895	Pork, cured, ham, separable fat, boneless, unheated	117.0	4.0 oz	0.101	0.177
05324	Chicken patty, frozen, cooked	60.0	1.0 patty	0.100	0.181
01091	Milk, dry, nonfat, regular, without added vitamin A and vitamin D	30.0	0.25 cup	0.100	0.272
01154	Milk, dry, nonfat, regular, with added vitamin A and vitamin D	30.0	0.25 cup	0.100	0.272
15108	Fish, sunfish, pumpkin seed, raw	48.0	1.0 fillet	0.100	0.276
07931	Beerwurst, pork and beef	56.0	1.0 serving 2 oz	0.100	0.217
05356	Chicken, broiler, rotisserie, BBQ, skin	85.0	1.0 serving	0.099	0.296
18401	Pie crust, cookie-type, prepared from recipe, vanilla wafer, chilled	129.0	1.0 cup	0.099	0.101
15066	Fish, pollock, Alaska, raw (may have been previously frozen)	77.0	1.0 fillet	0.099	0.285
11955	Tomatoes, sun-dried	54.0	1.0 cup	0.099	0.066
08107	Cereals, CREAM OF WHEAT, instant, prepared with water, without salt	241.0	1.0 cup	0.099	0.082
15218	Fish, sunfish, pumpkin seed, cooked, dry heat	37.0	1.0 fillet	0.099	0.272
35141	Mutton, cooked, roasted (Navajo)	28.35	1.0 oz	0.099	0.260
10000	Pork, fresh, composite of separable fat, with added solution, cooked	85.0	3.0 oz	0.099	0.235
17067	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable fat, cooked	85.0	3.0 oz	0.099	0.212
09087	Dates, deglet noor	147.0	1.0 cup, chopped	0.098	0.032
20453	Rice, white, short-grain, cooked, unenriched	205.0	1.0 cup	0.098	0.115
13348	Beef, cured, corned beef, canned	28.35	1.0 oz	0.098	0.178
05236	Turkey, young hen, skin only, cooked, roasted	31.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.098	0.118
27002	Soup, wonton, Chinese restaurant	223.0	1.0 cup	0.098	0.067
36009	T.G.I. FRIDAY'S, macaroni & cheese, from kid's menu	144.0	1.0 cup	0.098	0.147
08173	Cereals, farina, enriched, cooked with water, with salt	233.0	1.0 cup	0.098	0.086
20010	Buckwheat groats, roasted, cooked	168.0	1.0 cup	0.097	0.074
05323	Chicken patty, frozen, uncooked	60.0	1.0 patty	0.097	0.175

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
21256	BURGER KING, Chicken Strips	36.0	1.0 strip	0.097	0.176
36408	Restaurant, Latino, pupusas con frijoles (pupusas, bean)	126.0	1.0 piece	0.097	0.126
12024	Seeds, sesame seeds, whole, roasted and toasted	28.35	1.0 oz	0.097	0.159
12034	Seeds, sesame meal, partially defatted	28.35	1.0 oz	0.097	0.159
18289	Pancakes, plain, dry mix, complete (includes buttermilk)	52.0	0.333 cup	0.097	0.106
15058	Fish, ocean perch, Atlantic, cooked, dry heat	50.0	1.0 fillet	0.096	0.295
07933	Chicken breast, oven-roasted, fat-free, sliced	42.0	1.0 serving 2 slices	0.096	0.184
07932	Chicken breast, fat-free, mesquite flavor, sliced	42.0	1.0 serving 2 slices	0.096	0.184
17285	Lamb, Australian, imported, fresh, separable fat, cooked	85.0	3.0 oz	0.096	0.205
16044	Beans, pinto, mature seeds, canned, solids and liquids	240.0	1.0 cup	0.096	0.134
16347	Beans, pinto, mature seeds, canned, solids and liquids, low sodium	240.0	1.0 cup	0.096	0.134
01287	Yogurt, Greek, plain, lowfat	200.0	1.0 container (7 oz)	0.096	0.310
11923	Soybeans, mature seeds, sprouted, cooked, steamed, with salt	94.0	1.0 cup	0.096	0.084
11453	Soybeans, mature seeds, sprouted, cooked, steamed	94.0	1.0 cup	0.096	0.084
07942	Pate, truffle flavor	56.0	1.0 serving 2 oz	0.095	0.159
01094	Milk, buttermilk, dried	30.0	0.25 cup	0.095	0.258
36415	Restaurant, Latino, arepa (unleavened cornmeal bread)	98.0	1.0 piece	0.095	0.128
20447	Rice, white, long-grain, parboiled, unenriched, cooked	158.0	1.0 cup	0.095	0.111
01124	Egg, white, raw, fresh	33.0	1.0 large	0.095	0.132
15106	Fish, sturgeon, mixed species, smoked	28.35	1.0 oz	0.095	0.262
16006	Beans, baked, canned, plain or vegetarian	254.0	1.0 cup	0.094	0.119
18948	Pie crust, refrigerated, regular, unbaked	229.0	1.0 pie crust (average weight)	0.094	0.089
16087	Peanuts, all types, raw	28.35	1.0 oz	0.094	0.090
15169	Mollusks, oyster, eastern, wild, cooked, moist heat	85.0	3.0 oz	0.094	0.218
36010	T.G.I. FRIDAY'S, chicken fingers, from kids' menu	41.0	1.0 piece	0.093	0.182
36413	Restaurant, Latino, black bean soup	246.0	1.0 cup	0.093	0.239
20047	Rice, white, long-grain, parboiled, enriched, cooked	158.0	1.0 cup	0.093	0.112
18101	Cake, chocolate, prepared from recipe without frosting	95.0	1.0 piece (1/12 of 9" dia)	0.093	0.110
07040	Liver cheese, pork	28.35	1.0 oz	0.093	0.097
01093	Milk, dry, nonfat, calcium reduced	28.35	1.0 oz	0.093	0.252
11356	Potatoes, Russet, flesh and skin, baked	299.0	1.0 potato large (3" to 4-1/4" dia.	0.093	0.123
18346	Rolls, dinner, rye	43.0	1.0 large (approx 3-1/2" to 4" dia)	0.092	0.074
17160	Game meat, buffalo, water, raw	28.35	1.0 oz	0.092	0.145
07914	Sausage, Italian, sweet, links	84.0	1.0 link 3 oz	0.092	0.203
05072	Chicken, broilers or fryers, drumstick, meat only, cooked, fried	25.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.092	0.198
22973	Corn dogs, frozen, prepared	78.0	1.0 corndog	0.091	0.115

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
20051	Rice, white, medium-grain, enriched, cooked	186.0	1.0 cup	0.091	0.104
20451	Rice, white, medium-grain, cooked, unenriched	186.0	1.0 cup	0.091	0.104
01087	Milk, nonfat, fluid, protein fortified, with added vitamin A and vitamin D (fat free and skim)	246.0	1.0 cup	0.091	0.244
01081	Milk, reduced fat, fluid, 2% milkfat, protein fortified, with added vitamin A and vitamin D	246.0	1.0 cup	0.091	0.244
27001	Soup, hot and sour, Chinese restaurant	233.0	1.0 cup	--	0.091
08577	Cereals, CREAM OF WHEAT, 1 minute cook time, cooked with water, stove-top, without salt	245.0	1.0 cup	0.091	0.086
07021	Dutch brand loaf, chicken, pork and beef	38.0	1.0 slice	0.090	0.180
12118	Nuts, coconut milk, canned (liquid expressed from grated meat and water)	226.0	1.0 cup	0.090	0.086
18023	Bread, cornbread, dry mix, prepared with 2% milk, 80% margarine, and eggs	51.0	1.0 muffin	0.090	0.080
07919	Sausage, turkey, breakfast links, mild	56.0	2.0 oz, 2 links	0.090	0.250
14312	Beverages, Malted drink mix, natural, powder, prepared with whole milk	265.0	1.0 cup (8 fl oz)	0.090	0.217
17093	Veal, composite of trimmed retail cuts, separable fat, cooked	85.0	3.0 oz	0.090	0.187
01032	Cheese, parmesan, grated	100.0	1.0 cup	0.090	0.751
16010	Beans, baked, canned, with pork and sweet sauce	249.0	1.0 cup	0.090	0.125
07029	Ham, sliced, regular (approximately 11% fat)	56.0	56.0 grams 1 serving	0.090	0.179
07956	Beef sausage, fresh, cooked	43.0	1.0 serving	0.089	0.175
20053	Rice, white, short-grain, enriched, cooked	186.0	1.0 cup	0.089	0.104
36418	Restaurant, Mexican, refried beans	148.0	1.0 cup	0.089	0.121
01084	Milk, lowfat, fluid, 1% milkfat, protein fortified, with added vitamin A and vitamin D	246.0	1.0 cup	0.089	0.244
01014	Cheese, cottage, nonfat, uncreamed, dry, large or small curd	145.0	1.0 cup (not packed)	0.088	0.362
19701	Candies, semisweet chocolate, made with butter	170.0	1.0 cup chips (6 oz package)	0.088	0.075
11215	Garlic, raw	136.0	1.0 cup	0.088	0.103
01118	Yogurt, plain, skim milk, 13 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.088	0.287
11029	Beans, kidney, mature seeds, sprouted, raw	184.0	1.0 cup	0.088	0.081
12021	Seeds, safflower seed kernels, dried	28.35	1.0 oz	0.088	0.081
07929	Sausage, turkey, hot, smoked	56.0	2.0 oz	0.088	0.244
08061	Cereals ready-to-eat, POST Raisin Bran Cereal	59.0	1.0 cup (1 NLEA serving)	0.088	0.049
15002	Fish, anchovy, european, canned in oil, drained solids	28.35	1.0 oz, boneless	0.088	0.242
10103	Pork, fresh, variety meats and by-products, heart, raw	28.35	1.0 oz	0.088	0.125
20345	Rice, white, long-grain, regular, cooked, enriched, with salt	158.0	1.0 cup	0.087	0.100
20445	Rice, white, long-grain, regular, unenriched, cooked without salt	158.0	1.0 cup	0.087	0.100
20545	Rice, white, long-grain, regular, cooked, unenriched, with salt	158.0	1.0 cup	0.087	0.100
20045	Rice, white, long-grain, regular, enriched, cooked	158.0	1.0 cup	0.087	0.100

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
06216	Soup, cream of chicken, canned, prepared with equal volume milk	248.0	1.0 cup (8 fl oz)	0.087	0.181
05055	Chicken, broilers or fryers, back, meat only, cooked, roasted	24.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.087	0.187
32002	Rice and vermicelli mix, rice pilaf flavor, unprepared	68.0	0.333 cup	0.086	0.099
07915	Sausage, Polish, beef with chicken, hot	55.0	1.0 serving 5 pieces	0.086	0.208
16090	Peanuts, all types, dry-roasted, with salt	28.35	1.0 oz	0.086	0.082
01023	Cheese, gruyere	28.35	1.0 oz	0.086	0.233
10142	Pork, cured, ham, center slice, separable lean and fat, unheated	28.35	1.0 oz	0.086	0.151
21224	Pizza, cheese topping, regular crust, frozen, cooked	81.0	1.0 serving 9 servings per 24 oz package	0.086	0.149
10894	Pork, cured, ham, separable fat, boneless, heated	85.0	3.0 oz	0.086	0.150
01109	Milk, sheep, fluid	245.0	1.0 cup	0.086	0.380
21401	Fast foods, chicken tenders	30.0	1.0 strip	0.085	0.155
08575	Cereals, CREAM OF WHEAT, 2 1/2 minute cook time, cooked with water, microwaved, without salt	231.0	1.0 cup	0.085	0.088
18299	Pancakes, whole-wheat, dry mix, incomplete	28.35	1.0 oz	0.085	0.061
08091	Cereals, corn grits, white, regular and quick, enriched, cooked with water, without salt	257.0	1.0 cup	0.085	0.095
08161	Cereals, corn grits, white, regular and quick, enriched, cooked with water, with salt	257.0	1.0 cup	0.085	0.095
17170	Game meat, horse, raw	28.35	1.0 oz	0.085	0.134
18087	Cake, angelfood, dry mix	38.0	1.0 serving	0.085	0.106
36416	Restaurant, Latino, bunuelos (fried yeast bread)	70.0	1.0 piece	0.085	0.113
07936	Bologna, pork and turkey, lite	56.0	1.0 serving 2 oz	0.085	0.122
06004	Soup, bean with pork, canned, condensed	130.0	0.5 cup	0.084	0.096
23636	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.084	0.171
03053	Babyfood, dinner, vegetables and beef, strained	256.0	1.0 cup	0.084	0.156
05056	Chicken, broilers or fryers, back, meat only, cooked, stewed	26.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.084	0.182
16162	MORI-NU, Tofu, silken, firm	84.0	1.0 slice	0.084	0.089
11088	Broadbeans, immature seeds, raw	109.0	1.0 cup	0.084	0.047
13166	USDA Commodity, beef, canned	45.0	1.0 serving	0.084	0.223
10149	Pork, cured, ham, steak, boneless, extra lean, unheated	28.35	1.0 oz	0.084	0.146
23616	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.084	0.169
32006	Taquitos, frozen, chicken and cheese, oven-heated	42.0	1.0 piece	0.084	0.079
18120	Cake, pound, commercially prepared, butter (includes fresh and frozen)	61.0	0.167 loaf 1/6 of the loaf	0.084	0.071
11372	Potatoes, scalloped, home-prepared with butter	245.0	1.0 cup	0.083	0.142
11844	Potatoes, scalloped, home-prepared with margarine	245.0	1.0 cup	0.083	0.142
05101	Chicken, broilers or fryers, wing, meat and skin, cooked, fried, batter	29.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.083	0.145
11128	Carrots, canned, regular pack, drained solids	146.0	1.0 cup, sliced	0.083	0.020
23617	Beef, round, top round, steak, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.083	0.168

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
06211	Soup, cheese, canned, prepared with equal volume milk	251.0	1.0 cup	0.083	0.218
08169	Cereals, CREAM OF WHEAT, regular (10 minute), cooked with water, with salt	251.0	1.0 cup (1 serving)	0.083	0.068
08103	Cereals, CREAM OF WHEAT, regular (10 minute), cooked with water, without salt	251.0	1.0 cup (1 serving)	0.083	0.068
23597	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.083	0.167
01104	Milk, chocolate, lowfat, with added vitamin A and vitamin D	250.0	1.0 cup	0.082	0.195
25020	Formulated bar, SLIM-FAST OPTIMA meal bar, milk chocolate peanut	55.0	1.0 bar	0.082	0.121
23582	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.082	0.166
19407	Snacks, beef sticks, smoked	28.35	1.0 oz	0.082	0.129
23594	Beef, round, bottom round, roast, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.082	0.167
18012	Biscuits, plain or buttermilk, refrigerated dough, lower fat	58.0	1.0 serving 1 biscuit	0.082	0.068
18139	Cake, white, prepared from recipe without frosting	74.0	1.0 piece (1/12 of 9" dia)	0.082	0.095
07911	Liverwurst spread	55.0	0.25 cup	0.082	0.157
23599	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.082	0.165
12737	Nuts, mixed nuts, oil roasted, with peanuts, lightly salted	28.35	1.0 oz	0.082	0.080
23635	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.082	0.165
01117	Yogurt, plain, low fat, 12 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.082	0.264
36005	APPLEBEE'S, chicken tenders, from kids' menu	35.0	1.0 piece	0.082	0.170
20097	Pasta, homemade, made with egg, cooked	57.0	2.0 oz	0.082	0.058
23618	Beef, round, bottom round, roast, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.081	0.164
23631	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.081	0.164
23584	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.081	0.164
36411	Restaurant, Latino, tamale, corn	166.0	1.0 piece	0.081	0.111
25046	Snacks, bagel chips, plain	28.35	1.0 oz	0.081	0.052
23637	Beef, round, bottom round, roast, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.081	0.164
13898	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.081	0.164
25037	Snacks, pita chips, salted	28.35	1.0 oz	0.081	0.047
07926	Salami, Italian, pork	28.0	1.0 oz	0.081	0.132
01086	Milk, nonfat, fluid, with added nonfat milk solids, vitamin A and vitamin D (fat free or skim)	245.0	1.0 cup	0.081	0.220
01152	Milk, reduced fat, fluid, 2% milkfat, with added nonfat milk solids, without added vitamin A	245.0	1.0 cup	0.081	0.220
23623	Beef, rib, small end (ribs 10-12), separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.081	0.163
23601	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.081	0.163
23611	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.081	0.163
23624	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.081	0.163
23583	Beef, tenderloin, steak, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.081	0.163

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13891	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.081	0.163
23603	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.081	0.163
11358	Potatoes, red, flesh and skin, baked	299.0	1.0 potato large (3" to 4-1/4" dia.	0.081	0.105
01171	Egg, whole, raw, frozen, pasteurized	28.0	1.0 oz	0.081	0.112
01172	Egg, white, raw, frozen, pasteurized	28.0	1.0 oz	0.081	0.111
13894	Beef, round, top round, steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.080	0.162
23612	Beef, chuck, arm pot roast, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.080	0.162
23625	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.080	0.162
11872	Succotash, (corn and limas), frozen, cooked, boiled, drained, with salt	170.0	1.0 cup	0.080	0.099
11502	Succotash, (corn and limas), frozen, cooked, boiled, drained, without salt	170.0	1.0 cup	0.080	0.099
07957	Pork and turkey sausage, pre-cooked	57.0	1.0 serving	0.080	0.129
32007	Taquitos, frozen, beef and cheese, oven-heated	42.0	1.0 piece	0.080	0.071
07916	Sausage, Polish, pork and beef, smoked	76.0	1.0 serving 2.67 oz	0.080	0.277
23613	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.079	0.160
13879	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.079	0.160
13068	Beef, flank, steak, separable lean only, trimmed to 0" fat, choice, raw	28.35	1.0 oz	0.079	0.160
17158	Game meat, boar, wild, raw	28.35	1.0 oz	0.079	0.150
15170	Mollusks, oyster, eastern, canned	85.0	3.0 oz	0.079	0.135
11182	Corn, yellow, whole kernel, frozen, microwaved	141.0	1.0 cup	0.079	0.118
18079	Bread crumbs, dry, grated, plain	28.35	1.0 oz	0.079	0.066
23596	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.079	0.159
12122	Nuts, hazelnuts or filberts, dry roasted, without salt added	28.35	1.0 oz	0.079	0.063
13877	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.079	0.159
23632	Beef, brisket, flat half, separable lean only, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.079	0.158
20006	Barley, pearled, cooked	157.0	1.0 cup	0.078	0.068
01083	Milk, lowfat, fluid, 1% milkfat, with added nonfat milk solids, vitamin A and vitamin D	245.0	1.0 cup	0.078	0.213
01080	Milk, reduced fat, fluid, 2% milkfat, with added nonfat milk solids and vitamin A and vitamin D	245.0	1.0 cup	0.078	0.213
22905	Beef stew, canned entree	196.0	1.0 cup (1 serving)	0.078	0.176
07019	Chorizo, pork and beef	28.35	1.0 oz	0.078	0.133
15201	Fish, mackerel, Pacific and jack, mixed species, cooked, dry heat	28.35	1.0 oz, boneless	0.078	0.216
15246	Mollusks, oyster, eastern, farmed, cooked, dry heat	85.0	3.0 oz	0.078	0.134
16165	MORI-NU, Tofu, silken, lite extra firm	84.0	1.0 slice	0.078	0.074
06049	Soup, pea, green, canned, condensed	128.0	0.5 cup	0.078	0.101
10932	Pork, cured, ham, rump, bone-in, separable lean only, unheated	28.35	1.0 oz	0.078	0.166

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13881	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.078	0.157
13357	Beef, cured, sausage, cooked, smoked	43.0	1.0 sausage	0.078	0.141
01090	Milk, dry, whole, with added vitamin D	32.0	0.25 cup	0.078	0.211
13065	Beef, flank, steak, separable lean and fat, trimmed to 0" fat, choice, raw	28.35	1.0 oz	0.078	0.156
17180	Game meat, rabbit, wild, raw	28.35	1.0 oz	0.078	0.155
01126	Egg, yolk, raw, frozen, pasteurized	28.35	1.0 oz	0.078	0.106
11777	Cowpeas (blackeyes), immature seeds, cooked, boiled, drained, with salt	165.0	1.0 cup	0.078	0.074
11192	Cowpeas (blackeyes), immature seeds, cooked, boiled, drained, without salt	165.0	1.0 cup	0.078	0.074
15173	Mollusks, scallop, mixed species, cooked, breaded and fried	31.0	2.0 large	0.078	0.126
05053	Chicken, broilers or fryers, back, meat only, raw	31.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.078	0.168
05195	Turkey, all classes, wing, meat and skin, raw	33.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.077	0.182
11497	Succotash, (corn and limas), canned, with cream style corn	266.0	1.0 cup	0.077	0.093
18383	Bread, protein, (includes gluten), toasted	28.35	1.0 oz	0.077	0.062
20089	Wild rice, cooked	164.0	1.0 cup	0.077	0.195
18088	Cake, angelfood, dry mix, prepared	50.0	1.0 piece (1/12 of 10" dia)	0.077	0.096
10228	Pork, fresh, composite of trimmed retail cuts (loin and shoulder blade), separable lean only, raw	28.35	1.0 oz	0.077	0.159
12176	Nuts, coconut milk, frozen (liquid expressed from grated meat and water)	240.0	1.0 cup	0.077	0.072
03054	Babyfood, dinner, vegetables and beef, junior	256.0	1.0 cup	0.077	0.133
05723	Turkey, retail parts, drumstick, meat only, cooked, roasted	28.0	3.0 oz	0.077	0.223
28295	Tortillas, ready-to-bake or -fry, whole wheat	41.0	1.0 tortilla 1 serving	0.077	0.067
36417	Restaurant, Mexican, spanish rice	116.0	1.0 cup	0.077	0.082
15035	Fish, haddock, smoked	28.35	1.0 oz, boneless	0.077	0.212
01119	Yogurt, vanilla, low fat, 11 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.076	0.246
01220	Yogurt, vanilla, low fat, 11 grams protein per 8 ounce, fortified with vitamin D	170.0	1.0 container (6 oz)	0.076	0.246
43261	Yogurt, fruit variety, nonfat	170.0	1.0 container (6 oz)	0.076	0.246
01218	Yogurt, fruit variety, nonfat, fortified with vitamin D	170.0	1.0 container (6 oz)	0.076	0.246
20096	Pasta, fresh-refrigerated, spinach, cooked	57.0	2.0 oz	0.076	0.053
16107	Sausage, meatless	25.0	1.0 link	0.076	0.063
13871	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.076	0.153
13868	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.076	0.153
10934	Pork, cured, ham, shank, bone-in, separable lean only, unheated	28.35	1.0 oz	0.076	0.161
01060	Milk, filled, fluid, with lauric acid oil	244.0	1.0 cup	0.076	0.205
01059	Milk, filled, fluid, with blend of hydrogenated vegetable oils	244.0	1.0 cup	0.076	0.205
05196	Turkey, all classes, wing, meat and skin, cooked, roasted	24.0	1.0 unit (yield from 1 lb ready-to-cook turkey)	0.076	0.180

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11962	Peppers, hot chile, sun-dried	37.0	1.0 cup	0.075	0.047
21415	POPEYES, biscuit	60.0	1.0 biscuit	0.075	0.063
06165	Sauce, homemade, white, thin	250.0	1.0 cup	0.075	0.205
01202	Milk, chocolate, fluid, commercial, reduced fat, with added calcium	250.0	1.0 cup	0.075	0.175
15042	Fish, herring, Atlantic, kippered	28.35	1.0 oz, boneless	0.075	0.206
01122	Yogurt, fruit, low fat, 11 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.075	0.243
01203	Yogurt, fruit, lowfat, with low calorie sweetener	170.0	1.0 container (6 oz)	0.075	0.243
01219	Yogurt, fruit, lowfat, with low calorie sweetener, fortified with vitamin D	170.0	1.0 container (6 oz)	0.075	0.243
11357	Potatoes, white, flesh and skin, baked	299.0	1.0 potato large (3" to 4-1/4" dia)	0.075	0.096
18944	Pie, Dutch Apple, Commercially Prepared	131.0	0.125 pie 1 pie (1/8 of 9" pie)	0.075	0.067
01012	Cheese, cottage, creamed, large or small curd	113.0	4.0 oz	0.075	0.304
14351	Beverages, Strawberry-flavor beverage mix, powder, prepared with whole milk	266.0	1.0 cup (8 fl oz)	0.074	0.202
08093	Cereals, QUAKER, corn grits, instant, plain, prepared (microwaved or boiling water added), without salt	219.0	1.0 cup	0.074	0.064
11760	Carrots, frozen, cooked, boiled, drained, with salt	146.0	1.0 cup slices	0.074	0.019
11131	Carrots, frozen, cooked, boiled, drained, without salt	146.0	1.0 cup, sliced	0.074	0.019
03127	Babyfood, vegetables, spinach, creamed, strained	240.0	1.0 cup	0.074	0.132
08001	Cereals ready-to-eat, KELLOGG, KELLOGG'S ALL-BRAN Original	31.0	0.5 cup (1 NLEA serving)	0.074	0.053
19022	Snacks, granola bars, soft, uncoated, raisin	43.0	1.0 bar (1.5 oz)	0.074	0.061
17205	Lamb, variety meats and by-products, lungs, raw	28.35	1.0 oz	0.074	0.085
20049	Rice, white, long-grain, precooked or instant, enriched, prepared	165.0	1.0 cup	0.074	0.086
18030	Bread, french or vienna, toasted (includes sourdough)	28.35	1.0 oz	0.074	0.048
10010	Pork, fresh, leg (ham), whole, separable lean only, raw	28.35	1.0 oz	0.074	0.154
07921	Bacon and beef sticks	28.0	1.0 oz	0.073	0.166
07941	Salami, Italian, pork and beef, dry, sliced, 50% less sodium	28.0	1.0 serving 5 slices	0.073	0.166
11501	Succotash, (corn and limas), frozen, unprepared	156.0	1.0 cup	0.073	0.090
16398	Peanut butter, smooth style, without salt	32.0	2.0 tbsp	0.073	0.085
16098	Peanut butter, smooth style, with salt	32.0	2.0 tbsp	0.073	0.085
01078	Milk, producer, fluid, 3.7% milkfat	244.0	1.0 cup	0.073	0.200
15244	Mollusks, oyster, eastern, wild, cooked, dry heat	85.0	3.0 oz	0.073	0.170
17164	Game meat, deer, raw	28.35	1.0 oz	0.073	0.160
18038	Bread, oat bran, toasted	28.35	1.0 oz	0.073	0.056
11046	Beans, navy, mature seeds, sprouted, raw	104.0	1.0 cup	0.073	0.067
11461	Spinach, canned, regular pack, drained solids	214.0	1.0 cup	0.073	0.111
11956	Tomatoes, sun-dried, packed in oil, drained	110.0	1.0 cup	0.073	0.048
16167	USDA Commodity, Peanut Butter, smooth	32.0	2.0 tbsp	0.072	0.084

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16097	Peanut butter, chunk style, with salt	32.0	2.0 tbsp	0.072	0.084
16397	Peanut butter, chunk style, without salt	32.0	2.0 tbsp	0.072	0.084
01018	Cheese, edam	28.35	1.0 oz	0.072	0.204
19031	Snacks, oriental mix, rice-based	28.35	1.0 oz	0.072	0.070
12121	Nuts, hazelnuts or filberts, blanched	28.35	1.0 oz	0.072	0.058
01022	Cheese, gouda	28.35	1.0 oz	0.072	0.204
11391	Potatoes, hash brown, frozen, plain, prepared, pan fried in canola oil	150.0	1.0 cup prepared	0.072	0.063
16065	Cowpeas, common (blackeyes, crowder, southern), mature seeds, canned with pork	240.0	1.0 cup	0.072	0.094
11432	Radishes, oriental, dried	116.0	1.0 cup	0.072	0.087
15012	Fish, caviar, black and red, granular	16.0	1.0 tbsp	0.072	0.103
16426	Tofu, raw, firm, prepared with calcium sulfate	126.0	0.5 cup	0.072	0.266
15026	Fish, eel, mixed species, cooked, dry heat	28.35	1.0 oz, boneless	0.072	0.198
10002	Pork, fresh, composite of trimmed retail cuts (leg, loin, shoulder), separable lean only, raw	28.35	1.0 oz	0.072	0.164
08074	Cereals ready-to-eat, RALSTON TASTEEOS	28.0	1.0 cup (1 NLEA serving)	0.072	0.041
17177	Game meat, rabbit, domesticated, composite of cuts, raw	28.35	1.0 oz	0.071	0.142
19050	Snacks, pretzels, hard, whole-wheat including both salted and unsalted	28.35	1.0 oz	0.071	0.050
17009	Lamb, domestic, foreshank, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.071	0.153
17312	Lamb, Australian, imported, fresh, loin, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.071	0.153
12140	Nuts, formulated, wheat-based, unflavored, with salt added	28.35	1.0 oz	0.071	0.079
11499	Succotash, (corn and limas), canned, with whole kernel corn, solids and liquids	255.0	1.0 cup	0.071	0.089
20055	Rice, white, glutinous, unenriched, cooked	174.0	1.0 cup	0.071	0.082
18014	Biscuits, plain or buttermilk, refrigerated dough, higher fat	58.0	1.0 biscuit	0.071	0.055
09039	Avocados, raw, Florida	230.0	1.0 cup, pureed	0.071	0.097
15127	Fish, tuna, fresh, yellowfin, raw	28.35	1.0 oz, boneless	0.071	0.196
10903	Pork, cured, ham with natural juices, shank, bone-in, separable lean and fat, unheated	28.35	1.0 oz shank	0.071	0.150
17288	Lamb, Australian, imported, fresh, foreshank, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.071	0.151
13931	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.071	0.143
08060	Cereals ready-to-eat, KELLOGG, KELLOGG'S RAISIN BRAN	59.0	1.0 cup (1 NLEA serving)	0.071	0.051
16079	Mothbeans, mature seeds, cooked, boiled, without salt	177.0	1.0 cup	0.071	0.133
16379	Mothbeans, mature seeds, cooked, boiled, with salt	177.0	1.0 cup	0.071	0.133
01089	Milk, low sodium, fluid	244.0	1.0 cup	0.071	0.190
13328	Beef, variety meats and by-products, lungs, raw	28.35	1.0 oz	0.071	0.092
15048	Fish, mackerel, jack, canned, drained solids	28.35	1.0 oz, boneless	0.071	0.194
10072	Pork, fresh, shoulder, whole, separable lean only, raw	28.35	1.0 oz	0.071	0.147

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
13901	Beef, round, top round, separable lean and fat, trimmed to 1/8" fat, prime, raw	28.35	1.0 oz	0.071	0.161
13850	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.071	0.143
13813	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.071	0.143
17026	Lamb, domestic, loin, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.071	0.152
43441	Rolls, pumpernickel	36.0	1.0 medium (2-1/2" dia)	0.071	0.055
21419	KFC, biscuit	49.0	1.0 biscuit	0.071	0.055
10170	Pork, cured, shoulder, blade roll, separable lean and fat, unheated	28.35	1.0 oz	0.070	0.123
17308	Lamb, Australian, imported, fresh, leg, center slice, bone-in, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.070	0.150
17064	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean only, raw	28.35	1.0 oz	0.070	0.151
15085	Fish, salmon, sockeye, raw	28.35	1.0 oz, boneless	0.070	0.204
07014	Braunschweiger (a liver sausage), pork	28.35	1.0 oz	0.070	0.088
18940	Muffin, blueberry, commercially prepared, low-fat	71.0	1.0 muffin small	0.070	0.065
05705	Turkey, whole, meat only, with added solution, roasted	28.0	3.0 oz	0.070	0.195
20098	Pasta, homemade, made without egg, cooked	57.0	2.0 oz	0.070	0.039
07954	Beef sausage, pre-cooked	48.0	1.0 serving	0.070	0.125
01015	Cheese, cottage, lowfat, 2% milkfat	113.0	4.0 oz	0.070	0.286
18146	Cake, yellow, prepared from recipe without frosting	68.0	1.0 piece (1/12 of 8" dia)	0.070	0.082
18043	Bread, protein (includes gluten)	28.35	1.0 oz	0.070	0.056
06166	Sauce, homemade, white, medium	250.0	1.0 cup	0.070	0.192
13853	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.070	0.141
17300	Lamb, Australian, imported, fresh, leg, sirloin half, boneless, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.070	0.149
36008	T.G.I. FRIDAY'S, fried mozzarella	35.0	1.0 piece	0.070	0.146
18970	Tortillas, ready-to-bake or -fry, flour, shelf stable	49.0	1.0 tortilla	0.070	0.058
17017	Lamb, domestic, leg, shank half, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.069	0.149
17304	Lamb, Australian, imported, fresh, leg, sirloin chops, boneless, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.069	0.148
17021	Lamb, domestic, leg, sirloin half, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.069	0.149
17292	Lamb, Australian, imported, fresh, leg, whole (shank and sirloin), separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.069	0.149
17296	Lamb, Australian, imported, fresh, leg, shank half, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.069	0.149
17013	Lamb, domestic, leg, whole (shank and sirloin), separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.069	0.150

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17168	Goat, raw	28.35	1.0 oz	0.069	0.156
07922	Bratwurst, beef and pork, smoked	66.0	1.0 serving 2.33 oz	0.069	0.240
13227	Beef, shank crosscuts, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.069	0.158
28348	Rolls, dinner, sweet	30.0	1.0 roll	0.069	0.054
05102	Chicken, broilers or fryers, wing, meat and skin, cooked, fried, flour	19.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.069	0.127
17282	Lamb, Australian, imported, fresh, composite of trimmed retail cuts, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.069	0.147
10936	Pork, cured, ham, shank, bone-in, separable lean and fat, unheated	28.35	1.0 oz	0.069	0.145
13809	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.069	0.139
17003	Lamb, domestic, composite of trimmed retail cuts, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.069	0.148
18949	Crackers, whole-wheat, reduced fat	29.0	1.0 serving	0.068	0.054
17059	Lamb, domestic, cubed for stew or kabob (leg and shoulder), separable lean only, trimmed to 1/4" fat, raw	28.35	1.0 oz	0.068	0.147
13811	Beef, chuck, arm pot roast, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.068	0.138
08574	Cereals, CREAM OF WHEAT, 2 1/2 minute cook time, cooked with water, stove-top, without salt	244.0	1.0 cup	0.068	0.071
01160	Egg, yolk, raw, frozen, salted, pasteurized	28.35	1.0 oz	0.068	0.091
17099	Veal, leg (top round), separable lean only, raw	28.35	1.0 oz	0.068	0.141
07963	Frankfurter, meat and poultry, cooked, boiled	50.0	1.0 frankfurter	0.068	0.124
01217	Yogurt, fruit, low fat, 10 grams protein per 8 ounce, fortified with vitamin D	170.0	1.0 container (6 oz)	0.068	0.219
15138	Crustaceans, crab, alaska king, imitation, made from surimi	85.0	3.0 oz	0.068	0.222
01121	Yogurt, fruit, low fat, 10 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.068	0.219
17324	Lamb, Australian, imported, fresh, shoulder, arm, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.068	0.144
17047	Lamb, domestic, shoulder, arm, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.068	0.145
17032	Lamb, domestic, rib, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.068	0.145
07944	Turkey, white, rotisserie, deli cut	48.0	1.69 oz (1 serving)	0.068	0.188
07964	Frankfurter, meat and poultry, cooked, grilled	48.0	1.0 frankfurter	0.068	0.123
11912	Corn, sweet, white, frozen, kernels cut off cob, boiled, drained, with salt	165.0	1.0 cup	0.068	0.120
11911	Corn, sweet, white, frozen, kernels cut off cob, boiled, drained, without salt	165.0	1.0 cup	0.068	0.120
07940	Macaroni and cheese loaf, chicken, pork and beef	38.0	1.0 slice	0.068	0.101
01286	Yogurt, Greek, vanilla, nonfat	150.0	1.0 container (5.3 oz)	0.068	0.218
10115	Pork, fresh, variety meats and by-products, pancreas, raw	28.35	1.0 oz	0.067	0.087
16129	Tofu, fried	28.35	1.0 oz	0.067	0.062
10187	Pork, fresh, composite of trimmed retail cuts (leg, loin, shoulder, and spareribs), separable lean and fat, raw	28.35	1.0 oz	0.067	0.140

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
01255	Egg, whole, raw, frozen, salted, pasteurized	28.0	1.0 oz	0.067	0.085
25054	Snacks, granola bar, GENERAL MILLS, NATURE VALLEY, with yogurt coating	35.0	1.0 bar	0.067	0.034
17094	Veal, leg (top round), separable lean and fat, raw	28.35	1.0 oz	0.067	0.139
10226	Pork, fresh, composite of trimmed retail cuts (loin and shoulder blade), separable lean and fat, raw	28.35	1.0 oz	0.067	0.155
06201	Soup, cream of asparagus, canned, prepared with equal volume milk	248.0	1.0 cup (8 fl oz)	0.067	0.144
13358	Beef, cured, smoked, chopped beef	28.0	1.0 slice (1 oz)	0.067	0.137
07020	Corned beef loaf, jellied	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.067	0.142
05127	Chicken, stewing, giblets, raw	28.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.067	0.125
01033	Cheese, parmesan, hard	28.35	1.0 oz	0.067	0.272
18376	Bread crumbs, dry, grated, seasoned	28.35	1.0 oz	0.067	0.066
10121	Pork, fresh, variety meats and by-products, tongue, raw	28.35	1.0 oz	0.067	0.103
16164	MORI-NU, Tofu, silken, lite firm	84.0	1.0 slice	0.066	0.065
18037	Bread, oat bran	28.35	1.0 oz	0.066	0.051
17039	Lamb, domestic, shoulder, whole (arm and blade), separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.066	0.142
20092	Pasta, gluten-free, corn, cooked	140.0	1.0 cup	0.066	0.077
07032	Ham and cheese loaf or roll	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.066	0.123
18951	Waffles, chocolate chip, frozen, ready-to-heat	70.0	2.0 waffles	0.066	0.060
07962	Frankfurter, meat and poultry, unheated	51.0	1.0 frankfurter	0.066	0.120
18007	Bagels, oat bran	26.0	1.0 mini bagel (2-1/2" dia)	0.066	0.049
17310	Lamb, Australian, imported, fresh, loin, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.066	0.140
17320	Lamb, Australian, imported, fresh, shoulder, whole (arm and blade), separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.066	0.141
13023	Beef, brisket, whole, separable lean only, all grades, raw	28.35	1.0 oz	0.066	0.150
18003	Bagels, egg	28.35	1.0 oz	0.065	0.054
19016	Snacks, granola bars, hard, almond	28.35	1.0 oz	0.065	0.038
11378	Potatoes, mashed, dehydrated, flakes without milk, dry form	60.0	1.0 cup	0.065	0.076
19078	Baking chocolate, unsweetened, squares	29.0	1.0 oz square Bakers	0.065	0.041
13864	Beef, round, full cut, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.065	0.149
13330	Beef, variety meats and by-products, mechanically separated beef, raw	28.35	1.0 oz	0.065	0.121
10174	Pork, fresh, variety meats and by-products, tail, raw	28.35	1.0 oz	0.065	0.091
17306	Lamb, Australian, imported, fresh, leg, center slice, bone-in, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.065	0.139
13866	Beef, round, full cut, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.065	0.149
17055	Lamb, domestic, shoulder, blade, separable lean only, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.065	0.140

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11758	Carrots, canned, no salt added, solids and liquids	123.0	0.5 cup slices	0.065	0.016
06167	Sauce, homemade, white, thick	250.0	1.0 cup	0.065	0.178
18028	Bread, egg, toasted	28.35	1.0 oz	0.065	0.059
17140	Veal, cubed for stew (leg and shoulder), separable lean only, raw	28.35	1.0 oz	0.065	0.134
10012	Pork, fresh, leg (ham), rump half, separable lean and fat, raw	28.35	1.0 oz	0.065	0.158
17328	Lamb, Australian, imported, fresh, shoulder, blade, separable lean only, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.065	0.139
10117	Pork, fresh, variety meats and by-products, spleen, raw	28.35	1.0 oz	0.065	0.094
18295	Pancakes, buckwheat, dry mix, incomplete	28.35	1.0 oz	0.065	0.047
17137	Veal, sirloin, separable lean only, raw	28.35	1.0 oz	0.065	0.134
17090	Veal, composite of trimmed retail cuts, separable lean only, raw	28.35	1.0 oz	0.065	0.134
07090	Luncheon sausage, pork and beef	23.0	1.0 slice (4" dia x 1/8" thick)	0.065	0.081
06253	Soup, cream of potato, canned, prepared with equal volume milk	248.0	1.0 cup (8 fl oz)	0.064	0.131
01127	Egg, yolk, raw, frozen, sugared, pasteurized	28.35	1.0 oz	0.064	0.102
17232	Lamb, domestic, leg, shank half, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.064	0.138
12013	Seeds, lotus seeds, dried	32.0	1.0 cup	0.064	0.085
12200	Nuts, formulated, wheat-based, all flavors except macadamia, without salt	28.35	1.0 oz	0.064	0.078
17286	Lamb, Australian, imported, fresh, foreshank, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.064	0.137
18040	Bread, oatmeal, toasted	28.35	1.0 oz	0.064	0.047
17228	Lamb, domestic, foreshank, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.064	0.137
17125	Veal, shoulder, arm, separable lean only, raw	28.35	1.0 oz	0.064	0.133
17007	Lamb, domestic, foreshank, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.064	0.137
11303	Peas, edible-podded, frozen, cooked, boiled, drained, without salt	160.0	1.0 cup	0.064	0.022
11810	Peas, edible-podded, frozen, cooked, boiled, drained, with salt	160.0	1.0 cup	0.064	0.022
07064	Pork sausage, link/patty, cooked, pan-fried	27.0	1.0 patty	0.064	0.115
18235	Crackers, whole-wheat	28.0	1.0 serving	0.064	0.048
19015	Snacks, granola bars, hard, plain	21.0	1.0 bar	0.064	0.037
11191	Cowpeas (blackeyes), immature seeds, raw	145.0	1.0 cup	0.064	0.061
18406	Bagels, plain, enriched, without calcium propionate (includes onion, poppy, sesame)	28.35	1.0 oz	0.064	0.053
17113	Veal, rib, separable lean only, raw	28.35	1.0 oz	0.064	0.132
18407	Bagels, plain, unenriched, with calcium propionate (includes onion, poppy, sesame)	28.35	1.0 oz	0.064	0.053
13097	Beef, rib, eye, small end (ribs 10-12), separable lean only, trimmed to 0" fat, choice, raw	28.35	1.0 oz	0.064	0.146
18447	Popovers, dry mix, unenriched	28.35	1.0 oz	0.064	0.054
18408	Bagels, plain, unenriched, without calcium propionate(includes onion, poppy, sesame)	28.35	1.0 oz	0.064	0.053
18339	Popovers, dry mix, enriched	28.35	1.0 oz	0.064	0.054

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18342	Rolls, dinner, plain, commercially prepared (includes brown-and-serve)	28.0	1.0 roll (1 oz)	0.064	0.041
21032	Fast foods, sundae, caramel	155.0	1.0 sundae	0.064	0.174
17258	Lamb, New Zealand, imported, frozen, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.064	0.136
18423	Cookies, ladyfingers, without lemon juice and rind	28.35	1.0 oz	0.064	0.076
18081	Bread stuffing, bread, dry mix	28.35	1.0 oz	0.064	0.055
18175	Cookies, ladyfingers, with lemon juice and rind	28.35	1.0 oz	0.064	0.076
17294	Lamb, Australian, imported, fresh, leg, shank half, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.063	0.135
17119	Veal, shoulder, whole (arm and blade), separable lean only, raw	28.35	1.0 oz	0.063	0.131
11854	Spinach, cooked, boiled, drained, with salt	180.0	1.0 cup	0.063	0.099
11019	Asparagus, frozen, cooked, boiled, drained, without salt	180.0	1.0 cup	0.063	0.050
11709	Asparagus, frozen, cooked, boiled, drained, with salt	180.0	1.0 cup	0.063	0.050
11458	Spinach, cooked, boiled, drained, without salt	180.0	1.0 cup	0.063	0.099
09041	Bananas, dehydrated, or banana powder	100.0	1.0 cup	0.063	0.074
17015	Lamb, domestic, leg, shank half, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.063	0.135
10904	Pork, cured, ham with natural juices, rump, bone-in, separable lean and fat, unheated	28.35	1.0 oz rump	0.063	0.132
19017	Snacks, granola bars, hard, chocolate chip	28.35	1.0 oz	0.063	0.038
18232	Crackers, wheat, regular	34.0	16.0 crackers 1 serving	0.063	0.049
11179	Corn, sweet, yellow, frozen, kernels cut off cob, boiled, drained, without salt	165.0	1.0 cup	0.063	0.112
11774	Corn, sweet, yellow, frozen, kernels, cut off cob, boiled, drained, with salt	165.0	1.0 cup	0.063	0.112
27000	Soup, egg drop, Chinese restaurant	241.0	1.0 cup	0.063	0.046
10112	Pork, fresh, variety meats and by-products, lungs, raw	28.35	1.0 oz	0.063	0.065
18368	Wonton wrappers (includes egg roll wrappers)	28.35	1.0 oz	0.063	0.050
13887	Beef, round, tip round, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.063	0.143
20037	Rice, brown, long-grain, cooked	202.0	1.0 cup	0.063	0.117
11675	Potatoes, microwaved, cooked in skin, flesh and skin, without salt	202.0	1.0 potato (2-3/4" dia by 4-3/4" long)	0.063	0.079
11834	Potatoes, microwaved, cooked, in skin, flesh and skin, with salt	202.0	1.0 potato (2-1/3" x 4-3/4")	0.063	0.079
13883	Beef, round, tip round, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.062	0.142
17230	Lamb, domestic, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.062	0.134
17302	Lamb, Australian, imported, fresh, leg, sirloin chops, boneless, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.062	0.133
17214	Lamb, variety meats and by-products, spleen, raw	28.35	1.0 oz	0.062	0.093
11510	Sweet potato, cooked, boiled, without skin	328.0	1.0 cup, mashed	0.062	0.082
11575	Turnip greens, frozen, cooked, boiled, drained, without salt	164.0	1.0 cup	0.062	0.125

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
09038	Avocados, raw, California	230.0	1.0 cup, pureed	0.062	0.085
17278	Veal, shank (fore and hind), separable lean only, raw	28.35	1.0 oz	0.062	0.128
17290	Lamb, Australian, imported, fresh, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.062	0.132
18291	Pancakes, plain, dry mix, incomplete (includes buttermilk)	28.35	1.0 oz	0.062	0.051
19240	Frostings, chocolate, creamy, dry mix	388.0	1.0 package	0.062	0.054
15231	Mollusks, oyster, Pacific, cooked, moist heat	25.0	1.0 medium	0.062	0.106
15171	Mollusks, oyster, Pacific, raw	50.0	1.0 medium	0.062	0.106
10003	Pork, fresh, composite of trimmed leg, loin, shoulder, and spareribs, (includes cuts to be cured), separable lean and fat, raw	28.35	1.0 oz	0.062	0.137
10884	Pork, cured, ham with natural juices, whole, boneless, separable lean only, unheated	28.35	1.0 oz	0.062	0.132
17088	Veal, composite of trimmed retail cuts, separable lean and fat, raw	28.35	1.0 oz	0.062	0.128
10900	Pork, cured, ham with natural juices, whole, boneless, separable lean and fat, unheated	28.35	1.0 oz whole	0.062	0.132
13885	Beef, round, tip round, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.062	0.141
17122	Veal, shoulder, arm, separable lean and fat, raw	28.35	1.0 oz	0.062	0.128
17116	Veal, shoulder, whole (arm and blade), separable lean and fat, raw	28.35	1.0 oz	0.062	0.128
17276	Veal, shank (fore and hind), separable lean and fat, raw	28.35	1.0 oz	0.062	0.127
19404	Snacks, granola bars, soft, uncoated, chocolate chip	43.0	1.0 bar (1.5 oz)	0.061	0.044
11771	Corn, sweet, yellow, canned, no salt added, solids and liquids	256.0	1.0 cup	0.061	0.095
42189	Milk, buttermilk, fluid, cultured, reduced fat	245.0	1.0 cup	0.061	0.262
10893	Pork, cured, ham with natural juices, spiral slice, boneless, separable lean only, unheated	28.35	1.0 oz spiral slice	0.061	0.130
10008	Pork, fresh, leg (ham), whole, separable lean and fat, raw	28.35	1.0 oz	0.061	0.126
17216	Veal, variety meats and by-products, spleen, raw	28.35	1.0 oz	0.061	0.113
18261	English muffins, mixed-grain, toasted (includes granola)	28.35	1.0 oz	0.061	0.048
18353	Rolls, hard (includes kaiser)	28.35	1.0 oz	0.061	0.050
11178	Corn, sweet, yellow, frozen, kernels cut off cob, unprepared	136.0	1.0 cup	0.061	0.091
01216	Yogurt, fruit, low fat, 9 grams protein per 8 ounce, fortified with vitamin D	170.0	1.0 container (6 oz)	0.061	0.199
01120	Yogurt, fruit, low fat, 9 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.061	0.199
20133	Rice noodles, dry	57.0	2.0 oz	0.061	0.082
10219	Pork, fresh, ground, raw	28.35	1.0 oz	0.061	0.127
17256	Lamb, New Zealand, imported, frozen, foreshank, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.061	0.131
18345	Rolls, dinner, oat bran	28.35	1.0 oz	0.061	0.046
17134	Veal, sirloin, separable lean and fat, raw	28.35	1.0 oz	0.061	0.126
14318	Beverages, Malted drink mix, chocolate, powder, prepared with whole milk	265.0	1.0 cup (8 fl oz)	0.061	0.196
11370	Potatoes, hash brown, home-prepared	156.0	1.0 cup	0.061	0.073

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11033	Lima beans, immature seeds, canned, regular pack, solids and liquids	124.0	0.5 cup	0.061	0.050
18259	English muffins, plain, toasted, enriched, with calcium propionate (includes sourdough)	28.35	1.0 oz	0.061	0.051
17199	Lamb, variety meats and by-products, liver, raw	28.35	1.0 oz	0.061	0.125
17011	Lamb, domestic, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.061	0.130
18351	Rolls, hamburger or hotdog, mixed-grain	28.35	1.0 oz	0.061	0.046
17280	Lamb, Australian, imported, fresh, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.061	0.130
17254	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.061	0.131
07045	Luncheon meat, pork, canned	28.35	1.0 oz	0.061	0.094
10070	Pork, fresh, shoulder, whole, separable lean and fat, raw	28.35	1.0 oz	0.061	0.125
08165	Cereals, corn grits, yellow, regular, quick, enriched, cooked with water, with salt	233.0	1.0 cup	0.061	0.070
08164	Cereals, corn grits, yellow, regular and quick, enriched, cooked with water, without salt	233.0	1.0 cup	0.061	0.070
11015	Asparagus, canned, drained solids	242.0	1.0 cup	0.061	0.051
07945	Frankfurter, beef, heated	48.0	1.0 frankfurter	0.060	0.159
16161	MORI-NU, Tofu, silken, soft	84.0	1.0 slice	0.060	0.062
18964	Cinnamon buns, frosted (includes honey buns)	65.0	1.0 bun	0.060	0.068
18927	Crackers, cheese, sandwich-type with cheese filling	39.0	6.0 cracker 1 cracker = 6.5g	0.060	0.059
17110	Veal, rib, separable lean and fat, raw	28.35	1.0 oz	0.060	0.125
13149	Beef, rib, shortribs, separable lean only, choice, raw	28.35	1.0 oz	0.060	0.138
05115	Chicken, roasting, giblets, raw	25.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.060	0.114
06358	Soup, tomato bisque, canned, prepared with equal volume milk	251.0	1.0 cup (8 fl oz)	0.060	0.131
05712	Turkey, retail parts, wing, meat only, raw	28.0	3.0 oz	0.060	0.176
18932	Waffles, buttermilk, frozen, ready-to-heat	39.0	1.0 waffle, square	0.060	0.052
01285	Yogurt, Greek, strawberry, nonfat	150.0	1.0 container (5.3 oz)	0.060	0.194
01284	Yogurt, Greek, strawberry, lowfat	150.0	1.0 container (5.3 oz)	0.060	0.194
18002	Bagels, plain, enriched, with calcium propionate (includes onion, poppy, sesame), toasted	24.0	1.0 mini bagel (2-1/2" dia)	0.060	0.050
23513	Beef, chuck, clod roast, separable lean only, trimmed to 1/4" fat, all grades, raw	28.35	1.0 oz	0.060	0.158
18385	Bread, wheat germ, toasted	28.35	1.0 oz	0.060	0.054
05285	Turkey, diced, light and dark meat, seasoned	28.35	1.0 oz	0.060	0.148
12149	Nuts, pine nuts, pinyon, dried	28.35	1.0 oz	0.060	0.059
10901	Pork, cured, ham with natural juices, spiral slice, boneless, separable lean and fat, unheated	28.35	1.0 oz spiral slice	0.060	0.126
36607	CRACKER BARREL, steak fries	198.0	1.0 serving	0.059	0.079
08576	Cereals, CREAM OF WHEAT, 1 minute cook time, dry	33.0	3.0 tablespoon (1 serving)	--	0.059

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17226	Lamb, domestic, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.059	0.128
18045	Bread, pumpernickel, toasted	28.35	1.0 oz	0.059	0.048
03011	Babyfood, meat, lamb, junior	28.35	1.0 oz	0.059	0.135
01038	Cheese, romano	28.35	1.0 oz	0.059	0.242
15191	Fish, butterfish, cooked, dry heat	25.0	1.0 fillet	0.059	0.164
11301	Peas, edible-podded, boiled, drained, without salt	160.0	1.0 cup	0.059	0.021
11809	Peas, edible-podded, cooked, boiled, drained, with salt	160.0	1.0 cup	0.059	0.021
15007	Fish, butterfish, raw	32.0	1.0 fillet	0.059	0.164
11905	Corn, sweet, white, canned, whole kernel, drained solids	164.0	1.0 cup	0.059	0.089
18236	Cracker meal	28.35	1.0 oz	0.059	0.046
18039	Bread, oatmeal	28.35	1.0 oz	0.059	0.043
18027	Bread, egg	28.35	1.0 oz	0.059	0.054
03066	Babyfood, dinner, vegetables and lamb, strained	256.0	1.0 cup	0.059	0.113
17298	Lamb, Australian, imported, fresh, leg, sirloin half, boneless, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.059	0.125
15055	Fish, mullet, striped, raw	28.35	1.0 oz	0.059	0.162
18267	English muffins, whole-wheat, toasted	28.35	1.0 oz	0.059	0.044
15245	Mollusks, oyster, eastern, farmed, raw	85.0	3.0 oz	0.059	0.100
06024	Soup, chicken and vegetable, canned, ready-to-serve	255.0	1.0 cup	0.059	0.094
11512	Sweet potato, canned, vacuum pack	255.0	1.0 cup, mashed	0.059	0.076
08013	Cereals ready-to-eat, GENERAL MILLS, CHEERIOS	28.0	1.0 cup (1 NLEA serving)	0.059	0.050
11459	Spinach, canned, regular pack, solids and liquids	234.0	1.0 cup	0.058	0.091
11855	Spinach, canned, no salt added, solids and liquids	234.0	1.0 cup	0.058	0.091
18384	Bread, rice bran, toasted	28.35	1.0 oz	0.058	0.048
13803	Beef, brisket, whole, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.058	0.134
12169	Seeds, sesame butter, paste	16.0	1.0 tbsp	0.058	0.096
11671	Potatoes, o'brien, home-prepared	194.0	1.0 cup	0.058	0.083
17236	Lamb, domestic, loin, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.058	0.125
17246	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.058	0.125
07061	Mother's loaf, pork	28.35	1.0 oz	0.058	0.101
17234	Lamb, domestic, leg, sirloin half, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.058	0.125
17260	Lamb, New Zealand, imported, frozen, loin, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.058	0.125
17322	Lamb, Australian, imported, fresh, shoulder, arm, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.058	0.124

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17264	Lamb, New Zealand, imported, frozen, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.058	0.125
08504	Cereals ready-to-eat, RALSTON Enriched Wheat Bran flakes	29.0	1.0 serving (NLEA serving size = 0.75 cup)	0.058	0.037
07953	Pork sausage, link/patty, fully cooked, microwaved	30.0	1.0 patty	0.058	0.104
17242	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.058	0.124
07050	Mortadella, beef, pork	28.35	1.0 oz	0.058	0.112
15175	Mollusks, squid, mixed species, raw	28.35	1.0 oz, boneless	0.058	0.100
18078	Bread, whole-wheat, prepared from recipe, toasted	28.35	1.0 oz	0.058	0.042
05176	Turkey, heart, all classes, cooked, simmered	20.0	1.0 heart	0.058	0.126
11134	Cassava, raw	206.0	1.0 cup	0.058	0.023
17250	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.058	0.124
13926	Beef, tenderloin, separable lean and fat, trimmed to 1/8" fat, prime, raw	28.35	1.0 oz	0.058	0.132
06009	Soup, beef noodle, canned, condensed	125.0	0.5 cup	0.058	0.090
11172	Corn, sweet, yellow, canned, whole kernel, drained solids	164.0	1.0 cup	0.057	0.087
14421	Beverages, coffee substitute, cereal grain beverage, powder, prepared with whole milk	185.0	6.0 fl oz	0.057	0.154
17001	Lamb, domestic, composite of trimmed retail cuts, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.057	0.123
12099	Nuts, chestnuts, european, dried, unpeeled	28.35	1.0 oz	0.057	0.043
17019	Lamb, domestic, leg, sirloin half, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.057	0.123
07950	Frankfurter, meat	52.0	1.0 serving (1 hot dog)	0.057	0.151
10887	Pork, cured, ham and water product, rump, bone-in, separable lean only, unheated	28.35	1.0 oz	0.057	0.122
19418	Snacks, sesame sticks, wheat-based, salted	28.35	1.0 oz	0.057	0.054
18344	Rolls, dinner, egg	28.35	1.0 oz	0.057	0.053
19820	Snacks, sesame sticks, wheat-based, unsalted	28.35	1.0 oz	0.057	0.054
13331	Beef, variety meats and by-products, pancreas, raw	28.35	1.0 oz	0.057	0.081
17062	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable lean and fat, raw	28.35	1.0 oz	0.057	0.122
17043	Lamb, domestic, shoulder, arm, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.057	0.122
35183	Corn, dried, yellow (Northern Plains Indians)	28.35	1.0 oz	0.057	0.083
17318	Lamb, Australian, imported, fresh, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.057	0.121
19420	Snacks, granola bars, hard, peanut butter	28.35	1.0 oz	0.057	0.041
15121	Fish, tuna, light, canned in water, drained solids	28.35	1.0 oz	0.057	0.156
10100	Pork, fresh, variety meats and by-products, ears, frozen, raw	28.35	1.0 oz	0.057	0.038
07091	New england brand sausage, pork, beef	23.0	1.0 slice (4" dia x 1/8" thick)	0.057	0.103
01161	Cheese substitute, mozzarella	113.0	1.0 cup, shredded	0.056	0.319

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18260	English muffins, mixed-grain (includes granola)	28.35	1.0 oz	0.056	0.045
18237	Cream puff shell, prepared from recipe	28.35	1.0 oz	0.056	0.067
17051	Lamb, domestic, shoulder, blade, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.056	0.121
17144	Game meat, antelope, raw	28.35	1.0 oz	0.056	0.181
20134	Rice noodles, cooked	176.0	1.0 cup	0.056	0.076
17326	Lamb, Australian, imported, fresh, shoulder, blade, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.056	0.120
17224	Lamb, ground, raw	28.35	1.0 oz	0.056	0.120
15068	Fish, pompano, florida, raw	28.35	1.0 oz, boneless	0.056	0.155
17035	Lamb, domestic, shoulder, whole (arm and blade), separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.056	0.121
05665	Ground turkey, 93% lean, 7% fat, raw	28.35	1.0 oz	0.056	0.156
17271	Veal, breast, whole, boneless, separable lean and fat, raw	28.35	1.0 oz	0.056	0.116
13807	Beef, brisket, point half, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.056	0.128
16160	Tofu, hard, prepared with nigari	122.0	0.25 block	0.056	0.206
36014	Restaurant, family style, french fries	170.0	1.0 serving	0.056	0.075
11508	Sweet potato, cooked, baked in skin, flesh, without salt	200.0	1.0 cup	0.056	0.074
18950	Crackers, wheat, reduced fat	29.0	1.0 serving	0.056	0.041
12077	Nuts, beechnuts, dried	28.35	1.0 oz	0.056	0.041
18413	Bread, pita, white, unenriched	28.35	1.0 oz	0.056	0.045
18084	Bread stuffing, cornbread, dry mix	28.35	1.0 oz	0.056	0.053
18265	English muffins, wheat, toasted	28.35	1.0 oz	0.056	0.045
09148	Kiwifruit, green, raw	180.0	1.0 cup, sliced	0.056	0.043
18347	Rolls, dinner, wheat	28.0	1.0 roll (1 oz)	0.056	0.041
19812	Snacks, pretzels, hard, plain, made with unenriched flour, salted	28.35	1.0 oz	0.056	0.046
15077	Fish, salmon, chinook, smoked	28.35	1.0 oz, boneless	0.056	0.153
19813	Snacks, pretzels, hard, plain, made with unenriched flour, unsalted	28.35	1.0 oz	0.056	0.046
15179	Fish, salmon, chinook, smoked, (lox), regular	28.35	1.0 oz	0.056	0.153
07001	Barbecue loaf, pork, beef	28.35	1.0 oz	0.056	0.112
13095	Beef, rib, eye, small end (ribs 10-12), separable lean and fat, trimmed to 0" fat, choice, raw	28.35	1.0 oz	0.056	0.127
19814	Snacks, pretzels, hard, plain, made with enriched flour, unsalted	28.35	1.0 oz	0.056	0.046
13353	Beef, cured, luncheon meat, jellied	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.055	0.118
25053	Snacks, granola bar, GENERAL MILLS NATURE VALLEY, SWEET&SALTY NUT, peanut	35.0	1.0 bar	0.055	0.046
13339	Beef, variety meats and by-products, tongue, raw	28.35	1.0 oz	0.055	0.089

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17023	Lamb, domestic, loin, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.055	0.119
21034	Fast foods, sundae, strawberry	153.0	1.0 sundae	0.055	0.144
22955	Egg rolls, vegetable, frozen, prepared	68.0	1.0 egg roll	0.055	0.048
19147	Candies, peanut bar	28.35	1.0 oz	0.055	0.052
13819	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.055	0.126
11452	Soybeans, mature seeds, sprouted, raw	35.0	0.5 cup	0.055	0.048
18348	Rolls, dinner, whole-wheat	28.0	1.0 roll (1 oz)	0.055	0.039
05020	Chicken, broilers or fryers, giblets, raw	23.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.055	0.103
18033	Bread, italian	28.35	1.0 oz	0.055	0.044
15039	Fish, herring, Atlantic, raw	28.35	1.0 oz, boneless	0.055	0.151
20041	Rice, brown, medium-grain, cooked	195.0	1.0 cup	0.055	0.101
11400	Potatoes, frozen, whole, unprepared	182.0	1.0 cup	0.055	0.069
07949	Frankfurter, meat, heated	52.0	1.0 serving (1 hot dog)	0.055	0.144
18005	Bagels, cinnamon-raisin	26.0	1.0 mini bagel (2-1/2" dia)	0.055	0.047
06210	Soup, cream of celery, canned, prepared with equal volume milk	248.0	1.0 cup (8 fl oz)	0.055	0.131
15072	Fish, roe, mixed species, raw	14.0	1.0 tbsp	0.054	0.077
20030	Hominy, canned, white	165.0	1.0 cup	0.054	0.051
10909	Pork, cured, ham -- water added, whole, boneless, separable lean and fat, unheated	28.35	1.0 oz whole	0.054	0.115
13815	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.054	0.124
01116	Yogurt, plain, whole milk, 8 grams protein per 8 ounce	170.0	1.0 container (6 oz)	0.054	0.173
11295	Onion rings, breaded, par fried, frozen, unprepared	85.0	6.0 rings	0.054	0.041
18006	Bagels, cinnamon-raisin, toasted	24.0	1.0 mini bagel (2-1/2" dia)	0.054	0.046
18070	Bread, white, commercially prepared, toasted	28.35	1.0 oz	0.054	0.045
18036	Bread, multi-grain, toasted (includes whole-grain)	28.35	1.0 oz	0.054	0.043
18432	Bread, white, commercially prepared, toasted, low sodium no salt	28.35	1.0 oz	0.054	0.045
18066	Bread, wheat bran	28.35	1.0 oz	0.054	0.043
11272	Mustard greens, frozen, unprepared	146.0	1.0 cup, chopped	0.054	0.034
12198	Seeds, sesame butter, tahini, from raw and stone ground kernels	15.0	1.0 tbsp	0.054	0.088
13817	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.054	0.123
07030	Ham, minced	28.35	1.0 oz	0.054	0.129
18061	Bread, rye, toasted	28.35	1.0 oz	0.054	0.043
17210	Lamb, variety meats and by-products, pancreas, raw	28.35	1.0 oz	0.054	0.061
18266	English muffins, whole-wheat	28.35	1.0 oz	0.054	0.040
18025	Bread, cracked-wheat	28.35	1.0 oz	0.054	0.042
07026	Ham, chopped, canned	28.35	1.0 oz	0.054	0.119
18059	Bread, rice bran	28.35	1.0 oz	0.054	0.044

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18044	Bread, pumpernickel	28.35	1.0 oz	0.054	0.044
18364	Tortillas, ready-to-bake or -fry, flour, refrigerated	48.0	1.0 tortilla	0.054	0.045
16130	Okara	122.0	1.0 cup	0.054	0.050
09094	Figs, dried, uncooked	149.0	1.0 cup	0.054	0.051
21446	POPEYES, Fried Chicken, Mild, Wing, meat only, skin and breading removed	16.0	1.0 wing without skin, bone and breading	0.054	0.067
17262	Lamb, new zealand, imported, frozen, rib, separable lean and fat, trimmed to 1/8" fat, raw	28.35	1.0 oz	0.054	0.115
15075	Fish, sablefish, smoked	28.35	1.0 oz	0.054	0.148
11411	Potatoes, french fried, steak fries, salt added in processing, frozen, as purchased	153.0	10.0 strip	--	0.054
05312	Chicken, wing, frozen, glazed, barbecue flavored	29.0	1.0 piece	0.053	0.120
13830	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.053	0.122
18180	Cookies, oatmeal, dry mix	28.35	1.0 oz	0.053	0.034
13346	Beef, cured, corned beef, brisket, raw	28.35	1.0 oz	0.053	0.097
10911	Pork, cured, ham -- water added, shank, bone-in, separable lean and fat, unheated	28.35	1.0 oz	0.053	0.111
13002	Beef, carcass, separable lean and fat, select, raw	28.35	1.0 oz	0.053	0.123
13859	Beef, rib, small end (ribs 10-12), separable lean and fat, trimmed to 1/8" fat, prime, raw	28.35	1.0 oz	0.053	0.122
12179	Nuts, coconut meat, dried (desiccated), sweetened, shredded	93.0	1.0 cup, shredded	0.053	0.050
06359	Soup, tomato, canned, prepared with equal volume low fat (2%) milk	252.0	1.0 serving 1 cup	0.053	0.136
25055	Snacks, granola bar, GENERAL MILLS, NATURE VALLEY, CHEWY TRAIL MIX	35.0	1.0 bar	0.053	0.031
12104	Nuts, coconut meat, raw	80.0	1.0 cup, shredded	0.053	0.050
20330	Hominy, canned, yellow	160.0	1.0 cup	0.053	0.050
05344	Chicken, broilers or fryers, skin only, cooked, rotisserie, original seasoning	28.35	1.0 oz	0.053	0.157
18077	Bread, whole-wheat, prepared from recipe	28.35	1.0 oz	0.053	0.039
03009	Babyfood, meat, ham, junior	28.35	1.0 oz	0.053	0.109
13001	Beef, carcass, separable lean and fat, choice, raw	28.35	1.0 oz	0.052	0.122
13824	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.052	0.120
17193	Veal, variety meats and by-products, heart, raw	28.35	1.0 oz	0.052	0.111
13844	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, select, raw	28.35	1.0 oz	0.052	0.120
07063	Pork sausage, link/patty, unprepared	25.0	1.0 link	0.052	0.095
25000	Snacks, popcorn, microwave, 94% fat free	28.35	1.0 oz	0.052	0.056
11893	Turnip greens and turnips, frozen, cooked, boiled, drained, with salt	163.0	1.0 cup	0.052	0.106
11577	Turnip greens and turnips, frozen, cooked, boiled, drained, without salt	163.0	1.0 cup	0.052	0.106
12088	Nuts, cashew butter, plain, without salt added	16.0	1.0 tbsps	0.052	0.050
17239	Lamb, domestic, rib, separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.052	0.111
13827	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.052	0.119
05183	Turkey, dark meat, meat and skin, raw	28.35	1.0 oz	0.052	0.141
05286	Turkey and gravy, frozen	85.0	3.0 oz	0.052	0.145

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11296	Onion rings, breaded, par fried, frozen, prepared, heated in oven	48.0	1.0 cup	0.052	0.039
07058	Pickle and pimiento loaf, pork	38.0	1.0 slice	0.052	0.098
19913	Candies, NESTLE, BUTTERFINGER Crisp	60.0	1.0 piece	0.052	0.050
13838	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, all grades, raw	28.35	1.0 oz	0.052	0.118
18283	Muffins, oat bran	28.35	1.0 oz	0.052	0.035
18258	English muffins, plain, enriched, with ca prop (includes sourdough)	28.35	1.0 oz	0.052	0.043
18271	Ice cream cones, cake or wafer-type	28.35	1.0 oz	0.052	0.040
18349	Rolls, french	28.35	1.0 oz	0.052	0.043
36004	APPLEBEE'S, mozzarella sticks	32.0	1.0 piece	0.052	0.145
01151	Milk, nonfat, fluid, without added vitamin A and vitamin D (fat free or skim)	245.0	1.0 cup	0.051	0.216
12166	Seeds, sesame butter, tahini, from roasted and toasted kernels (most common type)	15.0	1.0 tbsp	0.051	0.084
01085	Milk, nonfat, fluid, with added vitamin A and vitamin D (fat free or skim)	245.0	1.0 cup	0.051	0.216
10908	Pork, cured, ham and water product, rump, bone-in, separable lean and fat, unheated	28.35	1.0 oz rump	0.051	0.108
13833	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, prime, raw	28.35	1.0 oz	0.051	0.117
18450	Tortillas, ready-to-bake or -fry, flour, without added calcium	28.35	1.0 oz	0.051	0.044
18264	English muffins, wheat	28.35	1.0 oz	0.051	0.041
06416	Soup, cream of chicken, canned, prepared with equal volume water	244.0	1.0 cup	0.051	0.081
11811	Peas, green, cooked, boiled, drained, with salt	160.0	1.0 cup	0.051	0.130
11305	Peas, green, cooked, boiled, drained, without salt	160.0	1.0 cup	0.051	0.130
18053	Bread, reduced-calorie, rye	28.35	1.0 oz	0.051	0.044
13841	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, choice, raw	28.35	1.0 oz	0.051	0.116
11273	Mustard greens, frozen, cooked, boiled, drained, without salt	150.0	1.0 cup, chopped	0.051	0.032
11177	Corn, sweet, yellow, canned, drained solids, rinsed with tap water	150.0	1.0 cup drained, rinsed	0.051	0.075
11800	Mustard greens, frozen, cooked, boiled, drained, with salt	150.0	1.0 cup, chopped or diced	0.051	0.032
11164	Collards, frozen, chopped, cooked, boiled, drained, without salt	170.0	1.0 cup, chopped	0.051	0.068
11769	Collards, frozen, chopped, cooked, boiled, drained, with salt	170.0	1.0 cup, chopped	0.051	0.068
12110	Nuts, coconut meat, dried (desiccated), sweetened, flaked, canned	77.0	1.0 cup	0.051	0.049
19170	Egg custards, dry mix, prepared with whole milk	141.0	0.5 cup	0.051	0.128
11879	Taro, leaves, cooked, steamed, with salt	145.0	1.0 cup	0.051	0.062
11521	Taro leaves, cooked, steamed, without salt	145.0	1.0 cup	0.051	0.062
12094	Nuts, chestnuts, chinese, dried	28.35	1.0 oz	0.051	0.047
17195	Lamb, variety meats and by-products, kidneys, raw	28.35	1.0 oz	0.051	0.090
05107	Chicken, broilers or fryers, wing, meat only, cooked, roasted	13.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.051	0.110
12171	Seeds, sesame butter, tahini, from unroasted kernels (non-chemically removed seed coat)	14.0	1.0 tbsp	0.051	0.083
07088	Honey roll sausage, beef	23.0	1.0 slice (4" dia x 1/8" thick)	0.051	0.103
21033	Fast foods, sundae, hot fudge	158.0	1.0 sundae	0.051	0.104

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
08573	Cereals, CREAM OF WHEAT, 2 1/2 minute cook time, dry	33.0	3.0 tablespoon (1 NLEA serving)	0.050	0.062
18272	Ice cream cones, sugar, rolled-type	28.35	1.0 oz	0.050	0.039
18297	Pancakes, special dietary, dry mix	28.35	1.0 oz	0.050	0.045
11283	Onions, cooked, boiled, drained, without salt	210.0	1.0 cup	0.050	0.023
18965	Crackers, cheese, reduced fat	30.0	1.0 serving	0.050	0.047
11805	Onions, cooked, boiled, drained, with salt	210.0	1.0 cup	0.050	0.023
19109	Candies, KIT KAT Wafer Bar	42.0	1.0 bar (1.5 oz)	0.050	0.067
11383	Potatoes, mashed, dehydrated, prepared from granules with milk, water and margarine added	210.0	1.0 cup	0.050	0.084
06016	Soup, cream of chicken, canned, condensed	126.0	0.5 cup (4 fl oz)	0.050	0.081
18938	Toaster Pastries, fruit, frosted (include apples, blueberry, cherry, strawberry)	53.0	1.0 piece	0.050	0.038
10910	Pork, cured, ham -- water added, slice, bone-in, separable lean and fat, unheated	28.35	1.0 oz	0.050	0.105
13847	Beef, rib, large end (ribs 6-9), separable lean and fat, trimmed to 1/8" fat, prime, raw	28.35	1.0 oz	0.050	0.115
07068	Salami, cooked, beef	26.0	1.0 slice	0.050	0.091
28397	Bread, multi-grain (includes whole-grain)	28.35	1.0 oz	0.050	0.039
18241	Croissants, cheese	28.35	1.0 oz	0.050	0.053
07046	Turkey breast, low salt, prepackaged or deli, luncheon meat	28.0	1.0 slice	0.050	0.139
17197	Veal, variety meats and by-products, kidneys, raw	28.35	1.0 oz	0.050	0.094
15014	Fish, cisco, smoked	28.35	1.0 oz	0.050	0.137
36610	DENNY'S, french fries	165.0	1.0 serving	0.050	0.066
11791	Kale, frozen, cooked, boiled, drained, with salt	130.0	1.0 cup, chopped	0.049	0.035
11236	Kale, frozen, cooked, boiled, drained, without salt	130.0	1.0 cup, chopped	0.049	0.035
18403	Waffles, plain, frozen, ready -to-heat, toasted	28.35	1.0 oz	0.049	0.038
18416	Bread, white, commercially prepared, low sodium, no salt	28.35	1.0 oz	0.049	0.041
01174	Milk, reduced fat, fluid, 2% milkfat, without added vitamin A and vitamin D	246.0	1.0 cup	0.049	0.214
17029	Lamb, domestic, rib, separable lean and fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.049	0.106
18060	Bread, rye	28.35	1.0 oz	0.049	0.039
01088	Milk, buttermilk, fluid, cultured, lowfat	245.0	1.0 cup	0.049	0.213
01230	Milk, buttermilk, fluid, whole	245.0	1.0 cup	0.049	0.206
01175	Milk, fluid, 1% fat, without added vitamin A and vitamin D	244.0	1.0 cup	0.049	0.215
01082	Milk, lowfat, fluid, 1% milkfat, with added vitamin A and vitamin D	244.0	1.0 cup	0.049	0.215
01079	Milk, reduced fat, fluid, 2% milkfat, with added vitamin A and vitamin D	244.0	1.0 cup	0.049	0.212
10146	Pork, cured, ham, patties, unheated	28.35	1.0 oz	0.049	0.096
18239	Croissants, butter	28.35	1.0 oz	0.049	0.050
17220	Lamb, variety meats and by-products, tongue, raw	28.35	1.0 oz	0.048	0.094
17222	Veal, variety meats and by-products, tongue, raw	28.35	1.0 oz	0.048	0.100

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18183	Cookies, oatmeal, refrigerated dough, baked	28.35	1.0 oz	0.048	0.039
19047	Snacks, pretzels, hard, plain, salted	28.35	1.0 oz	0.048	0.050
18933	Waffle, buttermilk, frozen, ready-to-heat, toasted	28.0	1.0 oz	0.048	0.041
08100	Cereals, CREAM OF RICE, dry	45.0	0.25 cup (1 NLEA serving)	0.048	0.084
14182	Beverages, chocolate syrup, prepared with whole milk	282.0	1.0 cup (8 fl oz)	0.048	0.189
05686	Chicken, skin (drumsticks and thighs), with added solution, cooked, roasted	28.35	1.0 oz	0.048	0.097
10001	Pork, fresh, carcass, separable lean and fat, raw	28.35	1.0 oz	0.048	0.098
10114	Pork, fresh, variety meats and by-products, mechanically separated, raw	28.35	1.0 oz	0.048	0.089
07010	Bologna, pork	28.0	1.0 slice, medium (4-1/2" dia x 1/8" thick) (1 oz)	0.048	0.115
14177	Beverages, chocolate-flavor beverage mix, powder, prepared with whole milk	266.0	1.0 cup (8 fl oz)	0.048	0.189
05105	Chicken, broilers or fryers, wing, meat only, raw	17.0	1.0 wing, bone and skin removed (yield from 1 lb ready-to-cook chicken)	0.048	0.103
18179	Cookies, oatmeal, commercially prepared, soft-type	28.35	1.0 oz	0.048	0.037
18178	Cookies, oatmeal, commercially prepared, regular	28.35	1.0 oz	0.048	0.034
01102	Milk, chocolate, fluid, commercial, whole, with added vitamin A and vitamin D	250.0	1.0 cup	0.048	0.208
15030	Fish, gefiltefish, commercial, sweet recipe	42.0	1.0 piece	0.047	0.107
18300	Pancakes, whole-wheat, dry mix, incomplete, prepared	28.35	1.0 oz	0.047	0.052
05699	Turkey, skin from whole, (light and dark), with added solution, roasted	28.35	1.0 oz	0.047	0.105
18211	Puff pastry, frozen, ready-to-bake, baked	28.35	1.0 oz	0.047	0.037
18048	Bread, raisin, enriched, toasted	28.35	1.0 oz	0.047	0.039
18337	Puff pastry, frozen, ready-to-bake	28.35	1.0 oz	0.047	0.037
18013	Biscuits, plain or buttermilk, refrigerated dough, lower fat, baked	28.35	1.0 oz	0.047	0.039
11683	Carrot, dehydrated	74.0	1.0 cup	0.047	0.041
05175	Turkey, heart, all classes, raw	24.0	1.0 piece	0.047	0.101
18396	Rolls, dinner, plain, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.046	0.049
18190	Cookies, peanut butter sandwich, regular	28.35	1.0 oz	0.046	0.036
18263	English muffins, raisin-cinnamon, toasted (includes apple-cinnamon)	28.35	1.0 oz	0.046	0.039
09246	Peaches, dried, sulfured, uncooked	160.0	1.0 cup, halves	0.046	0.139
11304	Peas, green, raw	145.0	1.0 cup	0.046	0.119
09244	Peaches, dehydrated (low-moisture), sulfured, uncooked	116.0	1.0 cup	0.046	0.137
06465	Soup, turkey noodle, canned, prepared with equal volume water	244.0	1.0 cup	0.046	0.073
01211	Milk, whole, 3.25% milkfat, without added vitamin A and vitamin D	244.0	1.0 cup	0.046	0.203
01077	Milk, whole, 3.25% milkfat, with added vitamin D	244.0	1.0 cup	0.046	0.203
05106	Chicken, broilers or fryers, wing, meat only, cooked, fried	12.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.046	0.100
15109	Fish, surimi	28.35	1.0 oz	0.046	0.146
17162	Game meat, caribou, raw	28.35	1.0 oz	0.046	0.143

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11930	Potatoes, mashed, dehydrated, prepared from flakes without milk, whole milk and margarine added	210.0	1.0 cup	0.046	0.067
11381	Potatoes, mashed, dehydrated, prepared from granules without milk, whole milk and butter added	210.0	1.0 cup	0.046	0.084
11371	Potatoes, mashed, home-prepared, whole milk and margarine added	210.0	1.0 cup	0.046	0.078
11929	Potatoes, mashed, prepared from granules, without milk, whole milk and margarine	210.0	1.0 cup	0.046	0.084
15167	Mollusks, oyster, eastern, wild, raw	84.0	6.0 medium	0.046	0.108
11302	Peas, edible-podded, frozen, unprepared	144.0	1.0 cup	0.046	0.016
18188	Cookies, peanut butter, refrigerated dough, baked	28.35	1.0 oz	0.046	0.040
18284	Muffins, wheat bran, dry mix	28.35	1.0 oz	0.046	0.032
18213	Cookies, vanilla wafers, higher fat	30.0	8.0 wafers	0.046	0.031
05085	Chicken, broilers or fryers, neck, meat and skin, cooked, fried, batter	16.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.046	0.079
18134	Cake, sponge, prepared from recipe	28.35	1.0 oz	0.046	0.054
13147	Beef, rib, shortribs, separable lean and fat, choice, raw	28.35	1.0 oz	0.046	0.104
18051	Bread, reduced-calorie, oatmeal	28.35	1.0 oz	0.046	0.039
10907	Pork, cured, ham and water product, shank, bone-in, separable lean and fat, unheated	28.35	1.0 oz shank	0.046	0.094
19020	Snacks, granola bars, soft, uncoated, plain	28.0	1.0 bar (1 oz)	0.046	0.036
18275	Muffins, blueberry, dry mix	43.0	1.0 serving	0.046	0.035
11308	Peas, green (includes baby and lesuer types), canned, drained solids, unprepared	175.0	1.0 cup	0.046	0.119
11184	Corn with red and green peppers, canned, solids and liquids	227.0	1.0 cup	0.045	0.109
15057	Fish, ocean perch, Atlantic, raw	28.35	1.0 oz, boneless	0.045	0.138
18439	English muffins, plain, unenriched, without calcium propionate (includes sourdough)	28.35	1.0 oz	0.045	0.039
18050	Bread, reduced-calorie, oat bran, toasted	28.35	1.0 oz	0.045	0.047
18437	English muffins, plain, enriched, without calcium propionate(includes sourdough)	28.35	1.0 oz	0.045	0.039
18185	Cookies, peanut butter, commercially prepared, regular	28.35	1.0 oz	0.045	0.042
18438	English muffins, plain, unenriched, with calcium propionate (includes sourdough)	28.35	1.0 oz	0.045	0.039
07062	Picnic loaf, pork, beef	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.045	0.106
11463	Spinach, frozen, chopped or leaf, unprepared	156.0	1.0 cup	0.045	0.081
07971	Bologna, meat and poultry	33.0	1.0 slice	0.045	0.082
21248	WENDY'S, Frosty Dairy Dessert	113.0	1.0 junior 6 oz. cup	0.045	0.079
25045	Formulated bar, high fiber, chewy, oats and chocolate	40.0	1.0 bar	0.045	0.039
19406	Snacks, granola bars, soft, uncoated, nut and raisin	28.0	1.0 bar (1 oz)	0.045	0.038
12100	Nuts, chestnuts, european, dried, peeled	28.35	1.0 oz	0.045	0.033
01103	Milk, chocolate, fluid, commercial, reduced fat, with added vitamin A and vitamin D	250.0	1.0 cup	0.045	0.195
11374	Potatoes, canned, solids and liquids	300.0	1.0 cup, whole	0.045	0.057
01210	Egg Mix, USDA Commodity	8.6	1.0 tbsp	0.045	0.124

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18141	Cake, yellow, commercially prepared, with vanilla frosting	67.0	1.0 serving	0.045	0.058
01125	Egg, yolk, raw, fresh	17.0	1.0 large	0.045	0.064
10905	Pork, cured, ham and water product, whole, boneless, separable lean and fat, unheated	28.35	1.0 oz whole	0.045	0.095
12143	Nuts, pecans, dry roasted, without salt added	28.35	1.0 oz	0.045	0.054
12643	Nuts, pecans, dry roasted, with salt added	28.35	1.0 oz	0.045	0.054
11913	Corn, sweet, white, frozen, kernels on cob, unprepared	165.0	1.0 cup kernels	0.045	0.112
11180	Corn, sweet, yellow, frozen, kernels on cob, unprepared	165.0	1.0 cup kernels	0.045	0.112
07070	Salami, cooked, turkey	28.0	1.0 serving	0.045	0.124
10912	Pork, cured, ham -- water added, rump, bone-in, separable lean and fat, unheated	28.35	1.0 oz	0.045	0.093
18365	Waffles, plain, frozen, ready-to-heat	28.35	1.0 oz	0.045	0.034
06411	Soup, cheese, canned, prepared with equal volume water	247.0	1.0 cup (8 fl oz)	0.044	0.116
10862	Pork, cured, bacon, pre-sliced, cooked, pan-fried	11.5	1.0 slice	0.044	0.108
18269	French toast, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.044	0.053
05179	Turkey from whole, neck, meat only, raw	28.35	1.0 oz	0.044	0.122
13337	Beef, variety meats and by-products, thymus, raw	28.35	1.0 oz	0.044	0.048
11657	Potatoes, mashed, home-prepared, whole milk added	210.0	1.0 cup	0.044	0.074
11553	Tomato products, canned, sauce, with onions	245.0	1.0 cup	0.044	0.024
18332	Pie crust, standard-type, dry mix	28.35	1.0 oz	0.044	0.034
18219	Crackers, matzo, whole-wheat	14.2	0.5 oz	0.044	0.029
03007	Babyfood, meat, pork, strained	28.35	1.0 oz	0.044	0.113
10906	Pork, cured, ham and water product, slice, bone-in, separable lean and fat, unheated	28.35	1.0 oz	0.044	0.092
18065	Bread, wheat, toasted	28.35	1.0 oz	0.044	0.030
18071	Bread, white, prepared from recipe, made with nonfat dry milk	28.35	1.0 oz	0.044	0.040
05715	Turkey, skin, from retail parts, from dark meat, cooked, roasted	28.35	1.0 oz	0.043	0.094
18377	Cookies, oatmeal, prepared from recipe, without raisins	28.35	1.0 oz	0.043	0.039
18182	Cookies, oatmeal, refrigerated dough	28.35	1.0 oz	0.043	0.035
10998	Canadian bacon, cooked, pan-fried	13.8	1.0 slice	0.043	0.105
08025	Cereals ready-to-eat, RALSTON CRISP RICE	33.0	1.25 cup (1 NLEA serving)	0.043	0.047
03120	Babyfood, vegetables, corn, creamed, junior	240.0	1.0 cup	0.043	0.096
18047	Bread, raisin, enriched	28.35	1.0 oz	0.043	0.036
18414	Bread, raisin, unenriched	28.35	1.0 oz	0.043	0.036
11674	Potatoes, baked, flesh and skin, without salt	148.0	1.0 NLEA serving	0.043	0.056
12040	Seeds, sunflower seed butter, without salt	16.0	1.0 tbsp	0.043	0.070
12540	Seeds, sunflower seed butter, with salt added	16.0	1.0 tbsp	0.043	0.070
07060	Luxury loaf, pork	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.043	0.131
19021	Snacks, granola bars, soft, uncoated, peanut butter	28.0	1.0 bar (1 oz)	0.043	0.041

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18076	Bread, whole-wheat, commercially prepared, toasted	28.35	1.0 oz	0.043	0.029
18057	Bread, reduced-calorie, white	28.35	1.0 oz	0.043	0.045
18338	Phyllo dough	28.35	1.0 oz	0.043	0.036
18201	Cookies, peanut butter sandwich, special dietary	28.35	1.0 oz	0.043	0.031
18189	Cookies, peanut butter, prepared from recipe	28.35	1.0 oz	0.043	0.042
11876	Sweet potato, cooked, boiled, without skin, with salt	328.0	1.0 cup, mashed	0.043	0.134
19185	Puddings, chocolate, dry mix, instant, prepared with whole milk	147.0	0.5 cup	0.043	0.101
19123	Puddings, chocolate, dry mix, instant, prepared with 2% milk	142.0	0.5 cup From 19211	0.043	0.105
07918	Sausage, summer, pork and beef, sticks, with cheddar cheese	28.35	1.0 oz	0.043	0.102
32004	Macaroni and cheese, box mix with cheese sauce, unprepared	25.0	1.0 serving (3.5 oz)	0.042	0.040
28399	Cookies, animal crackers (includes arrowroot, tea biscuits)	28.35	1.0 oz	0.042	0.033
15028	Fish, flatfish (flounder and sole species), raw	28.35	1.0 oz, boneless	0.042	0.129
11909	Corn, sweet, white, canned, vacuum pack, no salt added	210.0	1.0 cup	0.042	0.105
11176	Corn, sweet, yellow, canned, vacuum pack, regular pack	210.0	1.0 cup	0.042	0.105
11773	Corn, sweet, yellow, canned, vacuum pack, no salt added	210.0	1.0 cup	0.042	0.105
11934	Potatoes, mashed, home-prepared, whole milk and butter added	210.0	1.0 cup	0.042	0.069
11398	Potato puffs, frozen, unprepared	120.0	1.0 cup	0.042	0.037
11908	Corn, sweet, white, canned, vacuum pack, regular pack	210.0	1.0 cup	0.042	0.105
19077	Baking chocolate, unsweetened, liquid	28.35	1.0 oz	0.042	0.035
18187	Cookies, peanut butter, refrigerated dough	28.35	1.0 oz	0.042	0.037
01114	Whey, sweet, fluid	246.0	1.0 cup	0.042	0.039
11768	Collards, cooked, boiled, drained, with salt	190.0	1.0 cup, chopped	0.042	0.053
11162	Collards, cooked, boiled, drained, without salt	190.0	1.0 cup, chopped	0.042	0.053
18086	Cake, angelfood, commercially prepared	28.0	1.0 piece (1/12 of 12 oz cake)	0.042	0.051
19048	Snacks, pretzels, hard, confectioner's coating, chocolate-flavor	28.35	1.0 oz	0.042	0.037
18073	Bread, white, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.042	0.042
11312	Peas, green, frozen, unprepared	134.0	1.0 cup	0.042	0.106
11011	Asparagus, raw	134.0	1.0 cup	--	0.042
09095	Figs, dried, stewed	259.0	1.0 cup	0.041	0.039
11987	Mushrooms, oyster, raw	148.0	1.0 large	0.041	0.062
11910	Corn, sweet, white, frozen, kernels cut off cob, unprepared	165.0	1.0 cup	0.041	0.104
11914	Corn, sweet, white, frozen, kernels on cob, cooked, boiled, drained, without salt	165.0	1.0 cup kernels	0.041	0.107
11181	Corn, sweet, yellow, frozen, kernels on cob, cooked, boiled, drained, without salt	165.0	1.0 cup kernels	0.041	0.107
11775	Corn, sweet, yellow, frozen, kernels on cob, cooked, boiled, drained, with salt	165.0	1.0 cup kernels	0.041	0.107
11915	Corn, sweet, white, frozen, kernels on cob, cooked, boiled, drained, with salt	165.0	1.0 cup kernels	0.041	0.107
18262	English muffins, raisin-cinnamon (includes apple-cinnamon)	28.35	1.0 oz	0.041	0.034

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18367	Waffles, plain, prepared from recipe	28.35	1.0 oz	0.041	0.051
11903	Corn, sweet, white, canned, whole kernel, regular pack, solids and liquids	256.0	1.0 cup	0.041	0.102
11170	Corn, sweet, yellow, canned, brine pack, regular pack, solids and liquids	256.0	1.0 cup	0.041	0.102
14169	Beverages, Carob-flavor beverage mix, powder, prepared with whole milk	256.0	1.0 cup (8 fl oz)	0.041	0.182
11904	Corn, sweet, white, canned, whole kernel, no salt added, solids and liquids	256.0	1.0 cup	0.041	0.102
11310	Peas, green, canned, seasoned, solids and liquids	227.0	1.0 cup	0.041	0.107
18963	Garlic bread, frozen	43.0	1.0 slice presliced	0.041	0.045
12059	Nuts, acorns, dried	28.35	1.0 oz	0.041	0.039
01028	Cheese, mozzarella, part skim milk	28.35	1.0 oz	0.041	0.192
18270	Hush puppies, prepared from recipe	28.35	1.0 oz	0.041	0.048
03682	Babyfood, cereal, high protein, prepared with whole milk	28.35	1.0 oz	0.041	0.048
14245	Beverages, Eggnog-flavor mix, powder, prepared with whole milk	272.0	1.0 cup (8 fl oz)	0.041	0.185
03190	Babyfood, cereal, oatmeal, with bananas, dry	15.0	1.0 serving	0.041	0.040
11514	Sweet potato, canned, mashed	255.0	1.0 cup	0.041	0.125
18184	Cookies, oatmeal, prepared from recipe, with raisins	28.35	1.0 oz	0.041	0.038
09037	Avocados, raw, all commercial varieties	150.0	1.0 cup, cubes	0.040	0.057
11093	Broccoli, frozen, chopped, cooked, boiled, drained, without salt	184.0	1.0 cup	0.040	0.068
11743	Broccoli, frozen, chopped, cooked, boiled, drained, with salt	184.0	1.0 cup	0.040	0.068
18222	Crackers, melba toast, wheat	14.2	0.5 oz	0.040	0.030
07051	Olive loaf, pork	28.0	1.0 slice (1 oz) (4" x 4" x 3/32" thick)	0.040	0.084
09110	Goji berries, dried	28.0	5.0 tbsp	0.040	0.024
18268	French toast, frozen, ready-to-heat	28.35	1.0 oz	0.040	0.047
07967	Pork sausage, link/patty, fully cooked, unheated	23.0	1.0 link	0.040	0.073
08048	Cereals ready-to-eat, GENERAL MILLS, KIX	30.0	1.25 cup (1 NLEA serving)	--	0.040
10861	Pork, cured, bacon, cooked, microwaved	9.1	1.0 slice cooked	0.040	0.097
18292	Pancakes, plain, dry mix, incomplete, prepared	28.35	1.0 oz	0.040	0.051
01047	Cheese food, pasteurized process, swiss	28.35	1.0 oz	0.040	0.161
11097	Broccoli raab, cooked	85.0	1.0 NLEA serving	0.040	0.049
10123	Pork, cured, bacon, unprepared	28.0	1.0 slice raw	0.040	0.097
18240	Croissants, apple	28.35	1.0 oz	0.040	0.043
19323	Puddings, coconut cream, dry mix, instant, prepared with whole milk	147.0	0.5 cup	0.040	0.100
19191	Puddings, coconut cream, dry mix, instant, prepared with 2% milk	147.0	0.5 cup	0.040	0.101
11200	Yardlong bean, cooked, boiled, drained, without salt	104.0	1.0 cup slices	0.040	0.037
11899	Yardlong bean, cooked, boiled, drained, with salt	104.0	1.0 cup slices	0.040	0.037
21388	Fast foods, miniature cinnamon rolls	25.0	1.0 each	0.040	0.028
18247	Danish pastry, nut (includes almond, raisin nut, cinnamon nut)	28.35	1.0 oz	--	0.039

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18430	Danish pastry, cinnamon, unenriched	28.35	1.0 oz	--	0.039
18244	Danish pastry, cinnamon, enriched	28.35	1.0 oz	--	0.039
18280	Muffins, corn, dry mix, prepared	28.35	1.0 oz	0.039	0.047
01156	Cheese, goat, hard type	28.35	1.0 oz	0.039	0.230
19424	Snacks, tortilla chips, nacho-flavor, reduced fat	28.35	1.0 oz	0.039	0.051
17207	Veal, variety meats and by-products, lungs, raw	28.35	1.0 oz	0.039	0.073
28371	UDI'S, Gluten Free, Soft & Delicious White Sandwich Bread	28.0	1.0 slice	0.039	0.053
28338	Bread, gluten-free, white, made with tapioca starch and brown rice flour	28.0	1.0 slice	0.039	0.053
19405	Snacks, granola bars, soft, uncoated, chocolate chip, graham and marshmallow	28.0	1.0 bar (1 oz)	0.039	0.033
19325	Puddings, coconut cream, dry mix, regular, prepared with whole milk	140.0	0.5 cup	0.039	0.101
19219	Puddings, coconut cream, dry mix, regular, prepared with 2% milk	140.0	0.5 cup	0.039	0.101
11798	Mushrooms, shiitake, cooked, with salt	145.0	1.0 cup pieces	0.039	0.036
11269	Mushrooms, shiitake, cooked, without salt	145.0	1.0 cup pieces	0.039	0.036
19802	Snacks, corn-based, extruded, puffs or twists, cheese-flavor, unenriched	28.35	1.0 oz	0.039	0.043
01041	Cheese, tilsit	28.35	1.0 oz	0.039	0.214
17191	Lamb, variety meats and by-products, heart, raw	28.35	1.0 oz	0.039	0.102
05675	Chicken, skin (drumsticks and thighs), cooked, roasted	28.35	1.0 oz	0.039	0.079
11581	Vegetables, mixed, canned, drained solids	163.0	1.0 cup	0.039	0.051
06071	Soup, vegetable beef, canned, condensed	126.0	0.5 cup	0.039	0.094
13020	Beef, retail cuts, separable fat, cooked	28.35	1.0 oz	0.039	0.079
18245	Danish pastry, cheese	28.35	1.0 oz	0.039	0.049
18158	Cookies, chocolate chip, commercially prepared, regular, lower fat	34.0	1.0 serving 3 cookies	0.039	0.035
12695	Nuts, almond butter, plain, with salt added	16.0	1.0 tbsp	0.039	0.020
12195	Nuts, almond butter, plain, without salt added	16.0	1.0 tbsp	0.039	0.020
09245	Peaches, dehydrated (low-moisture), sulfured, stewed	242.0	1.0 cup	0.039	0.116
18224	Crackers, rusk toast	14.2	0.5 oz	0.039	0.041
12108	Nuts, coconut meat, dried (desiccated), not sweetened	28.35	1.0 oz	0.039	0.037
19027	Snacks, granola bars, soft, uncoated, peanut butter and chocolate chip	28.0	1.0 bar (1 oz)	0.038	0.037
07011	Bologna, turkey	28.0	0.99 oz 1 serving	0.038	0.089
19122	Puddings, banana, dry mix, regular, prepared with 2% milk	142.0	0.5 cup From 19211	0.038	0.104
07937	Bologna, pork, turkey and beef	28.35	1.0 oz	0.038	0.084
18049	Bread, reduced-calorie, oat bran	28.35	1.0 oz	0.038	0.040
07033	Ham and cheese spread	15.0	1.0 tbsp	0.038	0.071
11199	Yardlong bean, raw	91.0	1.0 cup slices	0.038	0.036
19121	Puddings, banana, dry mix, instant, prepared with 2% milk	147.0	0.5 cup From 19191	0.038	0.103
19403	Snacks, crisped rice bar, almond	28.0	1.0 bar (1 oz)	0.038	0.031

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
08020	Cereals ready-to-eat, KELLOGG, KELLOGG'S Corn Flakes	28.0	1.0 cup (1 NLEA serving)	--	0.038
18218	Crackers, matzo, egg	14.2	0.5 oz	0.038	0.035
19007	Snacks, corn-based, extruded, onion-flavor	28.35	1.0 oz	0.038	0.044
06243	Soup, cream of mushroom, canned, prepared with equal volume low fat (2%) milk	252.0	1.0 serving 1 cup	0.038	0.136
16126	Tofu, firm, prepared with calcium sulfate and magnesium chloride (nigari)	126.0	0.5 cup	0.038	0.139
18011	Biscuits, plain or buttermilk, dry mix, prepared	28.35	1.0 oz	0.038	0.039
12060	Nuts, acorn flour, full fat	28.35	1.0 oz	0.038	0.036
11167	Corn, sweet, yellow, raw	145.0	1.0 cup	0.038	0.097
18424	Crackers, melba toast, plain, without salt	14.2	0.5 oz	0.038	0.030
18220	Crackers, melba toast, plain	14.2	0.5 oz	0.038	0.030
18016	Biscuits, plain or buttermilk, prepared from recipe	28.35	1.0 oz	--	0.037
18022	Bread, cornbread, dry mix, enriched (includes corn muffin mix)	28.35	1.0 oz	0.037	0.038
18017	Biscuits, mixed grain, refrigerated dough	28.35	1.0 oz	0.037	0.030
18412	Bread, cornbread, dry mix, unenriched (includes corn muffin mix)	28.35	1.0 oz	0.037	0.038
05086	Chicken, broilers or fryers, neck, meat and skin, cooked, fried, flour	11.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.037	0.067
11978	Peppers, ancho, dried	17.0	1.0 pepper	0.037	0.024
19058	Snacks, tortilla chips, ranch-flavor	28.35	1.0 oz	0.037	0.044
18242	Croutons, plain	14.2	0.5 oz	0.037	0.030
08509	Cereals ready-to-eat, USDA Commodity Rice Crisps (includes all commodity brands)	28.0	1.0 cup (1 NLEA serving)	0.037	0.039
18436	Doughnuts, yeast-leavened, glazed, unenriched (includes honey buns)	28.35	1.0 oz	0.037	0.032
18273	Muffins, plain, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.037	0.041
18448	Taco shells, baked, without added salt	28.35	1.0 oz	0.037	0.043
10994	Bacon, pre-sliced, reduced/low sodium, unprepared	26.0	1.0 slice	0.037	0.089
08101	Cereals, CREAM OF RICE, cooked with water, without salt	244.0	1.0 cup	0.037	0.063
08168	Cereals, CREAM OF RICE, cooked with water, with salt	244.0	1.0 cup	0.037	0.063
01027	Cheese, mozzarella, whole milk, low moisture	28.35	1.0 oz	0.037	0.171
18200	Cookies, oatmeal, commercially prepared, special dietary	28.35	1.0 oz	0.037	0.026
19043	Snacks, potato chips, sour-cream-and-onion-flavor	28.35	1.0 oz	0.037	0.040
22978	Chicken tenders, breaded, frozen, prepared	21.0	1.0 piece	0.036	0.060
18282	Muffins, corn, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.036	0.044
18417	Coffeecake, cinnamon with crumb topping, commercially prepared, unenriched	28.35	1.0 oz	0.036	0.035
19063	Snacks, tortilla chips, taco-flavor	28.35	1.0 oz	0.036	0.046
18157	Cookies, chocolate wafers	28.35	1.0 oz	0.036	0.030
18104	Coffeecake, cinnamon with crumb topping, commercially prepared, enriched	28.35	1.0 oz	0.036	0.035
18254	Doughnuts, yeast-leavened, with creme filling	28.35	1.0 oz	0.036	0.033
15172	Mollusks, scallop, mixed species, raw	30.0	1.0 unit 2 large or 5 small	0.036	0.086

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
16427	Tofu, raw, regular, prepared with calcium sulfate	124.0	0.5 cup	0.036	0.134
11906	Corn, sweet, white, canned, cream style, regular pack	256.0	1.0 cup	0.036	0.092
11907	Corn, sweet, white, canned, cream style, no salt added	256.0	1.0 cup	0.036	0.092
19212	Puddings, vanilla, dry mix, regular, prepared with 2% milk	128.0	0.5 cup	0.036	0.095
11174	Corn, sweet, yellow, canned, cream style, regular pack	256.0	1.0 cup	0.036	0.092
11772	Corn, sweet, yellow, canned, cream style, no salt added	256.0	1.0 cup	0.036	0.092
01008	Cheese, caraway	28.35	1.0 oz	0.036	0.187
01045	Cheese food, cold pack, American	28.35	1.0 oz	0.036	0.144
01039	Cheese, roquefort	28.35	1.0 oz	0.036	0.158
11379	Potatoes, mashed, dehydrated, prepared from flakes without milk, whole milk and butter added	210.0	1.0 cup	0.036	0.069
11746	Brussels sprouts, frozen, cooked, boiled, drained, with salt	155.0	1.0 cup	0.036	0.054
11101	Brussels sprouts, frozen, cooked, boiled, drained, without salt	155.0	1.0 cup	0.036	0.054
12588	Nuts, cashew butter, plain, with salt added	16.0	1.0 tbsp	0.036	0.033
19857	Snacks, tortilla chips, nacho-flavor, made with enriched masa flour	28.35	1.0 oz	0.035	0.046
18154	Cookies, brownies, prepared from recipe	28.35	1.0 oz	0.035	0.037
19057	Snacks, tortilla chips, nacho cheese	28.35	1.0 oz	0.035	0.046
11951	Peppers, sweet, yellow, raw	186.0	1.0 pepper, large (3-3/4" long, 3" dia)	0.035	0.022
19331	Puddings, lemon, dry mix, instant, prepared with whole milk	147.0	0.5 cup	0.035	0.096
18278	Muffins, blueberry, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.035	0.039
12220	Seeds, flaxseed	10.3	1.0 tbsp, whole	0.035	0.038
18009	Biscuits, plain or buttermilk, frozen, baked	28.35	1.0 oz	0.035	0.032
08157	Cereals ready-to-eat, wheat, puffed, fortified	12.0	1.0 cup	0.035	0.031
18208	Cookies, sugar, prepared from recipe, made with margarine	28.35	1.0 oz	0.035	0.033
18421	Cookies, butter, commercially prepared, unenriched	28.35	1.0 oz	0.035	0.037
18032	Bread, irish soda, prepared from recipe	28.35	1.0 oz	0.035	0.039
18155	Cookies, butter, commercially prepared, enriched	28.35	1.0 oz	0.035	0.037
18451	Cake, pound, commercially prepared, fat-free	28.35	1.0 oz	0.035	0.042
18228	Crackers, saltines (includes oyster, soda, soup)	14.9	5.0 crackers	0.035	0.022
19209	Puddings, tapioca, dry mix, prepared with 2% milk	128.0	0.5 cup	0.035	0.093
11736	Beet greens, cooked, boiled, drained, with salt	144.0	1.0 cup (1" pieces)	0.035	0.030
11087	Beet greens, cooked, boiled, drained, without salt	144.0	1.0 cup (1" pieces)	0.035	0.030
01112	Whey, acid, fluid	246.0	1.0 cup	--	0.034
01130	Egg, whole, cooked, omelet	15.0	1.0 tbsp	0.034	0.048
19096	Ice creams, vanilla, light, soft-serve	88.0	1.0 serving 1/2 cup	0.034	0.096
05673	Chicken, skin (drumsticks and thighs), cooked, braised	28.35	1.0 oz	0.034	0.070

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
19026	Snacks, granola bars, soft, coated, milk chocolate coating, peanut butter	28.35	1.0 oz	0.034	0.049
11549	Tomato products, canned, sauce	245.0	1.0 cup	0.034	0.020
11138	Cauliflower, frozen, cooked, boiled, drained, without salt	180.0	1.0 cup (1" pieces)	0.034	0.041
11762	Cauliflower, frozen, cooked, boiled, drained, with salt	180.0	1.0 cup (1" pieces)	0.034	0.041
19203	Puddings, vanilla, dry mix, instant, prepared with whole milk	142.0	0.5 cup	0.034	0.092
09214	Orange juice, frozen concentrate, unsweetened, undiluted	262.0	1.0 cup	0.034	0.026
09213	Orange juice, frozen concentrate, unsweetened, undiluted, with added calcium	262.0	1.0 cup	0.034	0.026
18172	Cookies, gingersnaps	28.35	1.0 oz	0.034	0.027
25013	Snacks, FRITOLAY, SUNCHIPS, Multigrain Snack, original flavor	28.35	1.0 oz	0.034	0.043
18177	Cookies, molasses	28.35	1.0 oz	0.034	0.027
18390	Pancakes, buttermilk, prepared from recipe	28.35	1.0 oz	0.034	0.044
18356	Sweet rolls, cinnamon, commercially prepared with raisins	28.35	1.0 oz	0.034	0.033
18144	Cake, yellow, enriched, dry mix	43.0	1.0 serving	0.034	0.035
18234	Crackers, wheat, sandwich, with peanut butter filling	14.2	0.5 oz	0.034	0.028
19010	Snacks, crisped rice bar, chocolate chip	28.0	1.0 bar (1 oz)	0.034	0.029
06440	Soup, minestrone, canned, prepared with equal volume water	241.0	1.0 cup (8 fl oz)	0.034	0.043
19804	Snacks, corn-based, extruded, chips, barbecue-flavor, made with enriched masa flour	28.35	1.0 oz	0.034	0.038
19004	Snacks, corn-based, extruded, chips, barbecue-flavor	28.35	1.0 oz	0.034	0.038
18133	Cake, sponge, commercially prepared	28.35	1.0 oz	0.034	0.036
18221	Crackers, melba toast, rye (includes pumpernickel)	14.2	0.5 oz	0.034	0.027
08508	Cereals ready-to-eat, USDA Commodity Corn and Rice (includes all commodity brands)	29.0	1.0 cup	0.034	0.038
03109	Babyfood, vegetables, sweet potatoes, junior	224.0	1.0 cup	0.034	0.052
18457	Crackers, saltines, fat-free, low-sodium	15.0	3.0 saltines	0.034	0.027
11884	Tomatoes, red, ripe, cooked, with salt	240.0	1.0 cup	0.034	0.022
11530	Tomatoes, red, ripe, cooked	240.0	1.0 cup	0.034	0.022
03108	Babyfood, vegetables, sweet potatoes strained	224.0	1.0 cup	0.034	0.054
12119	Nuts, coconut water (liquid from coconuts)	240.0	1.0 cup	0.034	0.031
18433	Danish pastry, lemon, unenriched	28.35	1.0 oz	0.033	0.031
18256	Doughnuts, yeast-leavened, with jelly filling	28.35	1.0 oz	0.033	0.030
18431	Danish pastry, fruit, unenriched (includes apple, cinnamon, raisin, strawberry)	28.35	1.0 oz	0.033	0.031
18435	Danish pastry, raspberry, unenriched	28.35	1.0 oz	0.033	0.031
18246	Danish pastry, fruit, enriched (includes apple, cinnamon, raisin, lemon, raspberry, strawberry)	28.35	1.0 oz	0.033	0.031
11403	Potatoes, french fried, all types, salt added in processing, frozen, home-prepared, oven heated	76.0	10.0 fries	--	0.033
19003	Snacks, corn-based, extruded, chips, plain	28.0	1.0 oz	0.033	0.038

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18121	Cake, pound, commercially prepared, other than all butter, enriched	30.0	1.0 piece (1/10 of 10.6 oz cake)	0.033	0.038
07007	Bologna, beef	30.0	1.0 slice	0.033	0.088
18418	Cake, pound, commercially prepared, other than all butter, unenriched	30.0	1.0 piece (1/10 of 10.6 oz cake)	0.033	0.038
11518	Taro, raw	104.0	1.0 cup, sliced	0.033	0.021
19199	Puddings, tapioca, dry mix, prepared with whole milk	128.0	0.5 cup	0.033	0.092
19208	Puddings, rice, dry mix, prepared with 2% milk	128.0	0.5 cup	0.033	0.090
11026	Bamboo shoots, raw	151.0	1.0 cup (1/2" slices)	0.033	0.045
06040	Soup, minestrone, canned, condensed	123.0	0.5 cup (4 fl oz)	0.033	0.044
18024	Bread, cornbread, prepared from recipe, made with low fat (2%) milk	28.35	1.0 oz	0.033	0.043
12096	Nuts, chestnuts, chinese, roasted	28.35	1.0 oz	0.033	0.031
01010	Cheese, cheshire	28.35	1.0 oz	0.033	0.174
11816	Peas and carrots, canned, no salt added, solids and liquids	255.0	1.0 cup	0.033	0.079
11318	Peas and carrots, canned, regular pack, solids and liquids	255.0	1.0 cup	0.033	0.079
11004	Amaranth leaves, cooked, boiled, drained, without salt	132.0	1.0 cup	0.033	0.041
11700	Amaranth leaves, cooked, boiled, drained, with salt	132.0	1.0 cup	0.033	0.041
43570	Cereals ready-to-eat, POST, HONEY BUNCHES OF OATS, honey roasted	30.0	0.75 cup (1 NLEA serving)	0.033	0.030
18953	Bread, salvadoran sweet cheese (quesadilla salvadorena)	55.0	1.0 serving (approximate serving size)	0.033	0.154
18954	Bread, pound cake type, pan de torta salvadoran	55.0	1.0 serving	0.033	0.099
43378	Pork, cured, bacon, cooked, broiled, pan-fried or roasted, reduced sodium	8.0	1.0 slice cooked	0.033	0.066
11235	Kale, frozen, unprepared	94.0	0.333 package (10 oz)	0.033	0.024
18021	Bread, boston brown, canned	28.35	1.0 oz	0.033	0.026
18293	Pancakes, plain, prepared from recipe	28.35	1.0 oz	0.033	0.042
12001	Seeds, breadfruit seeds, raw	28.35	1.0 oz	0.033	0.027
08507	Cereals ready-to-eat, RALSTON Crispy Hexagons	29.0	1.0 cup (1 NLEA serving)	0.033	0.039
01251	Cheese, Mexican blend	28.0	0.25 cup shredded	0.033	0.168
11786	Drumstick leaves, cooked, boiled, drained, with salt	42.0	1.0 cup, chopped	0.033	0.029
11223	Drumstick leaves, cooked, boiled, drained, without salt	42.0	1.0 cup, chopped	0.033	0.029
18358	Sweet rolls, cinnamon, refrigerated dough with frosting, baked	28.35	1.0 oz	0.033	0.027
18126	Cake, shortcake, biscuit-type, prepared from recipe	28.35	1.0 oz	--	0.033
08172	Cereals, farina, unenriched, dry	10.9	1.0 tbsp	0.033	0.018
11792	Kale, scotch, cooked, boiled, drained, with salt	130.0	1.0 cup, chopped	0.032	0.023
11623	Kale, scotch, cooked, boiled, drained, without salt	130.0	1.0 cup, chopped	0.032	0.023
11234	Kale, cooked, boiled, drained, without salt	130.0	1.0 cup, chopped	0.032	0.023
11790	Kale, cooked, boiled, drained, with salt	130.0	1.0 cup, chopped	0.032	0.023
11376	Potatoes, canned, drained solids	180.0	1.0 cup	0.032	0.040
09259	Pears, dried, sulfured, uncooked	180.0	1.0 cup, halves	0.032	0.040

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18166	Cookies, chocolate sandwich, with creme filling, regular	36.0	3.0 cookie	0.032	0.029
01006	Cheese, brie	28.35	1.0 oz	0.032	0.168
11045	Mung beans, mature seeds, sprouted, cooked, stir-fried	124.0	1.0 cup	0.032	0.066
10860	Pork, cured, bacon, cooked, baked	8.1	1.0 slice cooked	0.032	0.064
11402	Potatoes, french fried, all types, salt added in processing, frozen, unprepared	89.0	10.0 strip	--	0.032
18255	Doughnuts, yeast-leavened, glazed, enriched (includes honey buns)	28.35	1.0 oz	0.032	0.026
18281	Muffins, corn, toaster-type	28.35	1.0 oz	0.032	0.033
19195	Puddings, rice, dry mix, prepared with whole milk	128.0	0.5 cup	0.032	0.090
18217	Crackers, matzo, plain	14.2	0.5 oz	0.032	0.025
11875	Sweet potato, cooked, baked in skin, flesh, with salt	114.0	1.0 medium (2" dia, 5" long, raw)	0.032	0.042
43217	Tomato sauce, canned, no salt added	245.0	1.0 cup	0.032	0.020
11579	Vegetables, mixed, canned, solids and liquids	245.0	1.0 cup	0.032	0.042
18355	Sweet rolls, cheese	28.35	1.0 oz	0.032	0.040
18352	Rolls, hamburger or hotdog, reduced-calorie	28.35	1.0 oz	0.032	0.034
18274	Muffins, blueberry, commercially prepared (Includes mini-muffins)	28.35	1.0 oz	0.032	0.033
18193	Cookies, shortbread, commercially prepared, pecan	28.35	1.0 oz	0.032	0.026
11967	Cauliflower, green, cooked, no salt added	90.0	0.2 head	0.032	0.039
18325	Pie, pecan, prepared from recipe	28.35	1.0 oz	0.031	0.035
18165	Cookies, chocolate chip, prepared from recipe, made with margarine	28.35	1.0 oz	0.031	0.030
18108	Coffeecake, cinnamon with crumb topping, dry mix, prepared	28.35	1.0 oz	0.031	0.034
18378	Cookies, chocolate chip, prepared from recipe, made with butter	28.35	1.0 oz	0.031	0.030
11300	Peas, edible-podded, raw	98.0	1.0 cup, chopped	0.031	0.011
09298	Raisins, seedless	165.0	1.0 cup, packed	0.031	0.035
05084	Chicken, broilers or fryers, neck, meat and skin, raw	15.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.031	0.050
18336	Pie crust, standard-type, prepared from recipe, baked	23.0	1.0 piece (1/8 of 9" crust)	0.031	0.026
11092	Broccoli, frozen, chopped, unprepared	156.0	1.0 cup	0.031	0.053
18279	Muffins, corn, commercially prepared	28.35	1.0 oz	0.031	0.033
18103	Coffeecake, cheese	28.35	1.0 oz	0.031	0.041
12093	Nuts, chestnuts, chinese, raw	28.35	1.0 oz	0.031	0.029
18212	Cookies, vanilla wafers, lower fat	28.35	1.0 oz	0.031	0.030
01253	Cheese, pasteurized process, American, without added vitamin D	28.35	1.0 oz	0.031	0.135
18294	Pancakes, blueberry, prepared from recipe	28.35	1.0 oz	0.031	0.039
01042	Cheese, pasteurized process, American, fortified with vitamin D	28.35	1.0 oz	0.031	0.135
11892	Turnip greens, frozen, cooked, boiled, drained, with salt	82.0	0.5 cup	0.031	0.062
16138	Falafel, home-prepared	17.0	1.0 patty (approx 2-1/4" dia)	0.031	0.032
43297	Pork, oriental style, dehydrated	22.0	1.0 cup	0.031	0.062

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18205	Cookies, sugar, refrigerated dough	33.0	1.0 serving	0.031	0.028
01236	Ice cream, soft serve, chocolate	86.0	0.5 cup	0.031	0.078
19090	Ice creams, french vanilla, soft-serve	86.0	0.5 cup (4 fl oz)	0.031	0.078
18243	Croutons, seasoned	14.2	0.5 oz	0.031	0.028
05087	Chicken, broilers or fryers, neck, meat and skin, cooked simmered	11.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.031	0.053
12058	Nuts, acorns, raw	28.35	1.0 oz	0.031	0.029
01007	Cheese, camembert	28.35	1.0 oz	0.031	0.160
36612	DENNY'S, golden fried shrimp	16.0	1.0 piece	0.031	0.054
08506	Cereals ready-to-eat, RALSTON Corn Flakes	28.0	1.0 cup (1 NLEA serving)	--	0.031
08065	Cereals ready-to-eat, KELLOGG, KELLOGG'S RICE KRISPIES	33.0	1.25 cup (1 NLEA serving)	0.031	0.034
11869	Squash, winter, hubbard, cooked, boiled, mashed, with salt	236.0	1.0 cup, mashed	0.031	0.042
11491	Squash, winter, hubbard, cooked, boiled, mashed, without salt	236.0	1.0 cup, mashed	0.031	0.042
18107	Coffeecake, cinnamon with crumb topping, dry mix	28.35	1.0 oz	0.031	0.024
17188	Veal, variety meats and by-products, brain, raw	28.35	1.0 oz	0.031	0.064
17185	Lamb, variety meats and by-products, brain, raw	28.35	1.0 oz	0.031	0.059
11705	Asparagus, cooked, boiled, drained, with salt	90.0	0.5 cup	--	0.031
11818	Peas and onions, frozen, cooked, boiled, drained, with salt	180.0	1.0 cup	0.031	0.067
11533	Tomatoes, red, ripe, canned, stewed	255.0	1.0 cup	0.031	0.020
11012	Asparagus, cooked, boiled, drained	90.0	0.5 cup	--	0.031
11327	Peas and onions, frozen, cooked, boiled, drained, without salt	180.0	1.0 cup	0.031	0.067
18112	Cake, pudding-type, german chocolate, dry mix	43.0	1.0 serving	0.031	0.024
11927	Mountain yam, hawaii, cooked, steamed, with salt	145.0	1.0 cup, cubes	0.030	0.033
11259	Mountain yam, hawaii, cooked, steamed, without salt	145.0	1.0 cup, cubes	0.030	0.033
25056	Snacks, granola bar, QUAKER, DIPPS, all flavors	31.0	1.0 bar	0.030	0.021
11546	Tomato products, canned, paste, without salt added	66.0	0.25 cup	0.030	0.018
11359	Potatoes, french fried, crinkle or regular cut, salt added in processing, frozen, as purchased	82.0	10.0 strip	--	0.030
10942	Pork, fresh, composite of separable fat, with added solution, raw	28.35	1.0 oz	0.030	0.072
17270	Veal, breast, separable fat, cooked	28.35	1.0 oz	0.030	0.062
01004	Cheese, blue	28.35	1.0 oz	0.030	0.166
18400	Crackers, matzo, egg and onion	14.2	0.5 oz	0.030	0.027
06001	Soup, cream of asparagus, canned, condensed	126.0	0.5 cup (4 fl oz)	0.030	0.042
07960	Bologna, chicken, pork	28.0	1.0 serving	0.030	0.060
18388	Muffins, wheat bran, toaster-type with raisins, toasted	28.35	1.0 oz	0.030	0.027
13019	Beef, retail cuts, separable fat, raw	28.35	1.0 oz	0.030	0.061
16159	Tofu, extra firm, prepared with nigari	91.0	0.2 block	0.030	0.111

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11399	Potato puffs, frozen, oven-heated	79.0	10.0 puffs	0.030	0.027
18333	Pie crust, standard-type, dry mix, prepared, baked	20.0	1.0 piece (1/8 of 9" crust)	0.030	0.023
16055	Carob flour	103.0	1.0 cup	0.030	0.083
19005	Snacks, corn-based, extruded, cones, plain	28.35	1.0 oz	0.030	0.035
18363	Tortillas, ready-to-bake or -fry, corn	28.35	1.0 oz	0.030	0.034
18357	Sweet rolls, cinnamon, refrigerated dough with frosting	28.35	1.0 oz	0.030	0.025
18449	Tortillas, ready-to-bake or -fry, corn, without added salt	28.35	1.0 oz	0.030	0.034
07025	Frankfurter, turkey	28.35	1.0 oz	0.030	0.114
12114	Nuts, coconut meat, dried (desiccated), toasted	28.35	1.0 oz	0.030	0.028
18206	Cookies, sugar, refrigerated dough, baked	28.35	1.0 oz	0.030	0.027
12177	Nuts, coconut meat, dried (desiccated), creamed	28.35	1.0 oz	0.030	0.028
18151	Cookies, brownies, commercially prepared	28.35	1.0 oz	0.030	0.032
08272	Cereals ready-to-eat, GENERAL MILLS, CINNAMON TOAST CRUNCH	31.0	0.75 cup (1 NLEA serving)	0.030	0.026
11645	Sweet potato, canned, syrup pack, solids and liquids	228.0	1.0 cup	0.030	0.041
09277	Plantains, raw	148.0	1.0 cup, sliced	0.030	0.025
18425	Crackers, saltines, low salt (includes oyster, soda, soup)	14.2	0.5 oz	0.030	0.025
19421	Snacks, potato chips, cheese-flavor	28.35	1.0 oz	0.029	0.033
18204	Cookies, sugar, commercially prepared, regular (includes vanilla)	28.35	1.0 oz	0.029	0.031
03689	Babyfood, cereal, oatmeal, prepared with whole milk	28.35	1.0 oz	0.029	0.032
10006	Pork, fresh, separable fat, raw	28.35	1.0 oz	0.029	0.072
11222	Drumstick leaves, raw	21.0	1.0 cup, chopped	0.029	0.026
11660	Tomatoes, red, ripe, cooked, stewed	101.0	1.0 cup	0.029	0.024
06401	Soup, cream of asparagus, canned, prepared with equal volume water	244.0	1.0 cup (8 fl oz)	0.029	0.041
11507	Sweet potato, raw, unprepared	133.0	1.0 cup, cubes	0.029	0.039
18429	Crackers, whole-wheat, low salt	14.2	0.5 oz	0.029	0.019
19038	Snacks, popcorn, caramel-coated, with peanuts	28.35	1.0 oz (approx 2/3 cup)	0.029	0.032
18163	Cookies, chocolate chip, refrigerated dough	33.0	1.0 serving	0.029	0.029
18402	Pie crust, standard-type, prepared from recipe, unbaked	24.0	1.0 piece (1/8 of 9" crust)	0.029	0.024
03013	Babyfood, meat, chicken, junior	15.0	1.0 tbsp	0.029	0.059
05684	Chicken, skin (drumsticks and thighs), with added solution, cooked, braised	28.35	1.0 oz	0.029	0.059
18105	Coffeecake, creme-filled with chocolate frosting	28.35	1.0 oz	0.029	0.026
10132	Pork, cured, feet, pickled	28.35	1.0 oz	0.029	0.036
18288	Pancakes plain, frozen, ready-to-heat (includes buttermilk)	28.35	1.0 oz	0.029	0.023
11754	Cabbage, chinese (pak-choi), cooked, boiled, drained, with salt	170.0	1.0 cup, shredded	0.029	0.015
11117	Cabbage, chinese (pak-choi), cooked, boiled, drained, without salt	170.0	1.0 cup, shredded	0.029	0.015
19089	Ice creams, vanilla, rich	107.0	0.5 cup	0.029	0.081

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11527	Tomatoes, green, raw	180.0	1.0 cup	0.029	0.018
19393	Frozen yogurts, chocolate, soft-serve	72.0	0.5 cup (4 fl oz)	0.029	0.060
11583	Vegetables, mixed, frozen, unprepared	95.0	0.33 package (10 oz)	0.028	0.038
11601	Yam, raw	150.0	1.0 cup, cubes	0.028	0.032
18250	Doughnuts, cake-type, plain, sugared or glazed	28.35	1.0 oz	0.028	0.030
21386	BURGER KING, french toast sticks	21.0	1.0 stick	0.028	0.018
07053	Pate, chicken liver, canned	13.0	1.0 tbsp	0.028	0.044
11821	Peppers, sweet, red, raw	149.0	1.0 cup, chopped	0.028	0.009
28290	Cookie, with peanut butter filling, chocolate-coated	25.0	2.0 cookies	0.028	0.026
18426	Crackers, saltines, unsalted tops (includes oyster, soda, soup)	14.2	0.5 oz	0.028	0.023
18317	Pie, egg custard, commercially prepared	28.35	1.0 oz	0.028	0.039
09144	Jackfruit, raw	165.0	1.0 cup, sliced	0.028	0.056
01204	Cheese, parmesan, dry grated, reduced fat	100.0	1.0 cup	0.028	0.369
07083	Sausage, Vienna, canned, chicken, beef, pork	16.0	1.0 sausage (7/8" dia x 2" long)	0.028	0.042
01140	Egg, quail, whole, fresh, raw	9.0	1.0 egg	0.028	0.038
08014	Cereals ready-to-eat, KELLOGG, KELLOGG'S COCOA KRISPIES	31.0	0.75 cup (1 NLEA serving)	--	0.028
01095	Milk, canned, condensed, sweetened	38.2	1.0 fl oz	0.028	0.076
11232	Jute, potherb, cooked, boiled, drained, without salt	87.0	1.0 cup	0.028	0.044
11789	Jute, potherb, cooked, boiled, drained, with salt	87.0	1.0 cup	0.028	0.044
18215	Crackers, cheese, sandwich-type with peanut butter filling	14.2	0.5 oz	0.028	0.025
18106	Coffeecake, fruit	28.35	1.0 oz	0.028	0.027
05169	Turkey, skin from whole, (light and dark), raw	28.35	1.0 oz	0.028	0.062
18164	Cookies, chocolate chip, refrigerated dough, baked	28.35	1.0 oz	0.028	0.028
18249	Doughnuts, cake-type, plain, chocolate-coated or frosted	28.35	1.0 oz	0.028	0.022
01157	Cheese, goat, semisoft type	28.35	1.0 oz	0.028	0.163
11961	Hearts of palm, canned	146.0	1.0 cup	0.028	0.061
03282	Babyfood, vegetables, mix vegetables junior	99.0	1.0 serving 3.5 oz serving	0.028	0.021
19074	Candies, caramels	71.0	1.0 package (2.5 oz)	0.028	0.076
11360	Potatoes, french fried, crinkle or regular cut, salt added in processing, frozen, oven-heated	69.0	10.0 strip	--	0.028
05326	Chicken breast tenders, breaded, cooked, microwaved	15.0	1.0 piece	0.028	0.050
11856	Spinach, frozen, chopped or leaf, cooked, boiled, drained, with salt	95.0	0.5 cup	0.028	0.050
11464	Spinach, frozen, chopped or leaf, cooked, boiled, drained, without salt	95.0	0.5 cup	0.028	0.050
18233	Crackers, wheat, sandwich, with cheese filling	14.2	0.5 oz	0.028	0.024
18971	Bread, potato	32.0	1.0 slice	0.028	0.036
18229	Crackers, standard snack-type, regular	16.0	5.0 crackers	0.028	0.018
12158	Seeds, breadfruit seeds, roasted	28.35	1.0 oz	0.027	0.023

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18210	Cookies, vanilla sandwich with creme filling	28.35	1.0 oz	0.027	0.021
18428	Crackers, wheat, low salt	14.2	0.5 oz	0.027	0.020
08106	Cereals, CREAM OF WHEAT, instant, dry	11.5	1.0 tbsp	0.027	0.023
01270	Cheese, cheddar, sharp, sliced	19.0	1.0 slice (2/3 oz)	0.027	0.112
11807	Onions, frozen, whole, cooked, boiled, drained, with salt	210.0	1.0 cup	0.027	0.013
11290	Onions, frozen, whole, cooked, boiled, drained, without salt	210.0	1.0 cup	0.027	0.013
06053	Soup, cream of potato, canned, condensed	124.0	0.5 cup	0.027	0.030
18290	Pancakes, plain, dry mix, complete, prepared	28.35	1.0 oz	0.027	0.030
18231	Crackers, standard snack-type, sandwich, with peanut butter filling	14.2	0.5 oz	0.027	0.024
03302	Babyfood, snack, GERBER, GRADUATES, YOGURT MELTS	7.0	1.0 serving	0.027	0.022
18209	Cookies, sugar wafers with creme filling, regular	36.0	3.0 cookies	0.027	0.023
03012	Babyfood, meat, chicken, strained	15.0	1.0 tbsp	0.027	0.055
18422	Cookies, chocolate chip, commercially prepared, regular, higher fat, unenriched	28.35	1.0 oz	--	0.027
11474	Squash, summer, crookneck and straightneck, frozen, cooked, boiled, drained, without salt	192.0	1.0 cup slices	0.027	0.035
08003	Cereals ready-to-eat, KELLOGG, KELLOGG'S APPLE JACKS	28.0	1.0 cup (1 NLEA serving)	0.027	0.024
28294	Cookie, chocolate, with icing or coating	32.0	4.0 cookies	0.027	0.022
11859	Squash, summer, crookneck and straightneck, frozen, cooked, boiled, drained, with salt	192.0	1.0 cup slices	0.027	0.035
06453	Soup, cream of potato, canned, prepared with equal volume water	244.0	1.0 cup (8 fl oz)	0.027	0.029
18230	Crackers, standard snack-type, sandwich, with cheese filling	14.2	0.5 oz	0.027	0.023
07041	Liver sausage, liverwurst, pork	18.0	1.0 slice (2-1/2" dia x 1/4" thick)	0.027	0.051
11480	Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, without salt	223.0	1.0 cup	0.027	0.036
11862	Squash, summer, zucchini, includes skin, frozen, cooked, boiled, drained, with salt	223.0	1.0 cup	0.027	0.036
11490	Squash, winter, hubbard, baked, without salt	205.0	1.0 cup, cubes	0.027	0.037
11868	Squash, winter, hubbard, baked, with salt	205.0	1.0 cup, cubes	0.027	0.037
11488	Squash, winter, butternut, frozen, cooked, boiled, without salt	240.0	1.0 cup, mashed	0.026	0.036
03091	Babyfood, vegetables, green beans, strained	240.0	1.0 cup	0.026	0.046
11476	Squash, summer, scallop, cooked, boiled, drained, without salt	240.0	1.0 cup, mashed	0.026	0.036
11867	Squash, winter, butternut, frozen, cooked, boiled, with salt	240.0	1.0 cup, mashed	0.026	0.036
11324	Peas and onions, canned, solids and liquids	120.0	1.0 cup	0.026	0.058
05698	Turkey, skin from whole (light and dark), with added solution, raw	28.35	1.0 oz	0.026	0.058
18092	Cake, pudding-type, carrot, dry mix	28.35	1.0 oz	0.026	0.024
12004	Seeds, breadnut tree seeds, raw	28.35	1.0 oz (8-14 seeds)	0.026	0.010
18171	Cookies, fortune	28.35	1.0 oz	0.026	0.022
18225	Crackers, rye, sandwich-type with cheese filling	14.2	0.5 oz	0.026	0.023
03015	Babyfood, meat, turkey, strained	15.0	1.0 tbsp	0.026	0.066

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
08505	Cereals ready-to-eat, RALSTON Corn Biscuits	30.0	1.0 cup (NLEA serving)	0.026	0.031
05685	Chicken, skin (drumsticks and thighs), with added solution, raw	28.35	1.0 oz	0.026	0.053
19422	Snacks, potato chips, reduced fat	28.35	1.0 oz	0.026	0.032
11446	Seaweed, laver, raw	26.0	10.0 sheets	0.026	0.038
11080	Beets, raw	136.0	1.0 cup	0.026	0.024
08030	Cereals ready-to-eat, KELLOGG, KELLOGG'S FROOT LOOPS	29.0	1.0 cup (1 NLEA serving)	0.026	0.023
18399	Pie crust, cookie-type, prepared from recipe, graham cracker, chilled	30.0	1.0 piece (1/8 of 9" crust)	0.026	0.022
07974	Bacon, turkey, low sodium	15.0	1.0 serving	0.026	0.070
18251	Doughnuts, cake-type, chocolate, sugared or glazed	28.35	1.0 oz	0.026	0.027
18102	Cake, white, prepared from recipe with coconut frosting	28.35	1.0 oz	0.026	0.030
03008	Babyfood, meat, ham, strained	15.0	1.0 tbsp	0.026	0.053
11163	Collards, frozen, chopped, unprepared	95.0	0.33 package (10 oz)	0.026	0.035
11707	Asparagus, canned, no salt added, solids and liquids	122.0	0.5 cup	0.026	0.021
11013	Asparagus, canned, regular pack, solids and liquids	122.0	0.5 cup	0.026	0.021
18453	Cake, yellow, light, dry mix	28.35	1.0 oz	0.026	0.021
18019	Bread, banana, prepared from recipe, made with margarine	28.35	1.0 oz	0.026	0.027
12109	Nuts, coconut meat, dried (desiccated), sweetened, flaked, packaged	85.0	1.0 cup	0.026	0.051
11090	Broccoli, raw	91.0	1.0 cup chopped	0.025	0.035
11585	Vegetable juice cocktail, low sodium, canned	254.0	1.0 cup	0.025	0.015
11578	Vegetable juice cocktail, canned	253.0	1.0 cup	0.025	0.015
05714	Turkey, skin, from retail parts, from dark meat, raw	28.35	1.0 oz	0.025	0.055
19809	Snacks, potato chips, plain, made with partially hydrogenated soybean oil, salted	28.35	1.0 oz	0.025	0.031
19810	Snacks, potato chips, plain, made with partially hydrogenated soybean oil, unsalted	28.35	1.0 oz	0.025	0.031
19811	Snacks, potato chips, plain, unsalted	28.35	1.0 oz	0.025	0.031
19293	Frozen yogurts, vanilla, soft-serve	72.0	0.5 cup	0.025	0.068
06068	Soup, vegetarian vegetable, canned, condensed	126.0	0.5 cup	--	0.025
08102	Cereals, CREAM OF WHEAT, regular, 10 minute cooking, dry	10.6	1.0 tbsp	0.025	0.021
05327	Chicken breast tenders, breaded, uncooked	15.0	1.0 piece	0.025	0.045
11547	Tomato products, canned, puree, without salt added	250.0	1.0 cup	0.025	0.022
11888	Tomato products, canned, puree, with salt added	250.0	1.0 cup	0.025	0.022
11481	Squash, summer, zucchini, italian style, canned	227.0	1.0 cup	0.025	0.034
19411	Snacks, potato chips, plain, salted	28.0	1.0 oz	0.025	0.031
11622	Kale, scotch, raw	67.0	1.0 cup, chopped	0.025	0.018
06558	Soup, tomato bisque, canned, prepared with equal volume water	247.0	1.0 cup (8 fl oz)	0.025	0.030
09032	Apricots, dried, sulfured, uncooked	130.0	1.0 cup, halves	0.025	0.020
18186	Cookies, peanut butter, commercially prepared, soft-type	28.35	1.0 oz	0.025	0.020

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18114	Cake, gingerbread, dry mix	28.35	1.0 oz	0.025	0.019
19244	Frostings, vanilla, creamy, dry mix	411.0	1.0 package	0.025	0.021
11516	Sweet potato, frozen, unprepared	176.0	1.0 cup, cubes	0.025	0.074
11517	Sweet potato, frozen, cooked, baked, without salt	176.0	1.0 cup, cubes	0.025	0.074
11877	Sweet potato, frozen, cooked, baked, with salt	176.0	1.0 cup, cubes	0.025	0.074
07003	Beerwurst, beer salami, pork	23.0	1.0 slice (4" dia x 1/8" thick)	0.025	0.082
11735	Beets, canned, no salt added, solids and liquids	246.0	1.0 cup	0.025	0.022
11082	Beets, canned, regular pack, solids and liquids	246.0	1.0 cup	0.025	0.022
11605	Beets, harvard, canned, solids and liquids	246.0	1.0 cup slices	--	0.025
06158	Soup, tomato bisque, canned, condensed	129.0	0.5 cup (4 fl oz)	0.025	0.030
11602	Yam, cooked, boiled, drained, or baked, without salt	136.0	1.0 cup, cubes	0.024	0.027
11897	Yam, cooked, boiled, drained, or baked, with salt	136.0	1.0 cup, cubes	0.024	0.027
18191	Cookies, raisin, soft-type	28.35	1.0 oz	0.024	0.024
12204	Nuts, chestnuts, japanese, roasted	28.35	1.0 oz	0.024	0.020
11919	Peppers, sweet, red, frozen, chopped, boiled, drained, with salt	135.0	1.0 cup, chopped or strips	0.024	0.007
11825	Peppers, sweet, green, frozen, chopped, cooked, boiled, drained, with salt	135.0	1.0 cup, chopped or strips	0.024	0.015
11334	Peppers, sweet, green, cooked, boiled, drained, without salt	135.0	1.0 cup, chopped or strips	0.024	0.015
11823	Peppers, sweet, red, cooked, boiled, drained, without salt	135.0	1.0 cup, strips	0.024	0.015
09248	Peaches, dried, sulfured, stewed, with added sugar	270.0	1.0 cup	0.024	0.070
11918	Peppers, sweet, red, frozen, chopped, boiled, drained, without salt	135.0	1.0 cup, chopped or strips	0.024	0.007
07961	Chicken breast, deli, rotisserie seasoned, sliced, prepackaged	12.0	1.0 slice	0.024	0.059
05089	Chicken, broilers or fryers, neck, meat only, cooked, fried	7.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.024	0.052
11243	Mushrooms, portabella, grilled	121.0	1.0 cup sliced	0.024	0.042
06025	Soup, chicken vegetable, canned, condensed	121.0	0.5 cup	0.024	0.061
11693	Tomatoes, crushed, canned	121.0	0.5 cup	0.024	0.016
11742	Broccoli, cooked, boiled, drained, with salt	78.0	0.5 cup, chopped	0.024	0.034
11091	Broccoli, cooked, boiled, drained, without salt	78.0	0.5 cup, chopped	0.024	0.034
07004	Sausage, Berliner, pork, beef	23.0	1.0 slice	0.024	0.084
07069	Salami, cooked, beef and pork	12.3	1.0 slice round	0.024	0.037
18316	Pie, coconut custard, commercially prepared	28.35	1.0 oz	0.024	0.034
11770	Corn, sweet, yellow, cooked, boiled, drained, with salt	89.0	1.0 ear small (5-1/2" to 6-1/2" long)	0.024	0.061
11901	Corn, sweet, white, cooked, boiled, drained, without salt	89.0	1.0 ear, small (5-1/2" to 6-1/2" long)	0.024	0.061
11902	Corn, sweet, white, cooked, boiled, drained, with salt	89.0	1.0 ear, small (5-1/2" to 6-1/2" long)	0.024	0.061
11168	Corn, sweet, yellow, cooked, boiled, drained, without salt	89.0	1.0 ear small (5-1/2" to 6-1/2" long)	0.024	0.061
09278	Plantains, cooked	200.0	1.0 cup, mashed	0.024	0.020
11814	Peas, green, frozen, cooked, boiled, drained, with salt	80.0	0.5 cup	0.024	0.062

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11313	Peas, green, frozen, cooked, boiled, drained, without salt	80.0	0.5 cup	0.024	0.062
03092	Babyfood, vegetables, green beans, junior	240.0	1.0 cup	0.024	0.043
01052	Cream, fluid, light whipping	120.0	1.0 cup, whipped	0.024	0.065
18434	Crackers, cheese, low sodium	14.2	0.5 oz	0.024	0.028
18214	Crackers, cheese, regular	14.2	0.5 oz	0.024	0.028
01159	Cheese, goat, soft type	28.35	1.0 oz	0.024	0.140
18161	Cookies, chocolate chip, dry mix	28.35	1.0 oz	0.024	0.023
09205	Oranges, raw, with peel	170.0	1.0 cup	0.024	0.046
11695	Tomatoes, orange, raw	158.0	1.0 cup, chopped	0.024	0.016
11894	Vegetables, mixed, frozen, cooked, boiled, drained, with salt	91.0	0.5 cup	0.024	0.031
11584	Vegetables, mixed, frozen, cooked, boiled, drained, without salt	91.0	0.5 cup	0.024	0.031
11812	Peas, green, canned, no salt added, solids and liquids	124.0	0.5 cup	0.024	0.060
12003	Seeds, breadfruit seeds, boiled	28.35	1.0 oz	0.024	0.020
18321	Pie, lemon meringue, prepared from recipe	28.35	1.0 oz	0.024	0.026
17066	Lamb, New Zealand, imported, frozen, composite of trimmed retail cuts, separable fat, raw	28.35	1.0 oz	0.024	0.050
18116	Cake, gingerbread, prepared from recipe	28.35	1.0 oz	0.024	0.023
06072	Soup, vegetable with beef broth, canned, condensed	123.0	0.5 cup	0.023	0.031
07072	Salami, dry or hard, pork, beef	9.8	1.0 slice	0.023	0.057
16173	Frijoles rojos volteados (Refried beans, red, canned)	233.0	1.0 cup	0.023	0.310
18199	Cookies, chocolate sandwich, with creme filling, special dietary	28.35	1.0 oz	0.023	0.020
09247	Peaches, dried, sulfured, stewed, without added sugar	258.0	1.0 cup	0.023	0.072
11632	Peppers, jalapeno, canned, solids and liquids	136.0	1.0 cup, chopped	0.023	0.016
09266	Pineapple, raw, all varieties	165.0	1.0 cup, chunks	0.023	0.020
11672	Potato pancakes	22.0	1.0 small 2-3/4 in. dia., 5/8 in. thick.	0.023	0.030
19412	Snacks, potato chips, made from dried potatoes, cheese-flavor	28.35	1.0 oz	0.023	0.031
11574	Turnip greens, frozen, unprepared	82.0	0.5 cup, chopped or diced	0.023	0.046
09260	Pears, dried, sulfured, stewed, without added sugar	255.0	1.0 cup, halves	0.023	0.028
11741	Broccoli, stalks, raw	114.0	1.0 stalk	0.023	0.039
11576	Turnip greens and turnips, frozen, unprepared	95.0	0.33 package (10 oz)	0.023	0.046
11100	Brussels sprouts, frozen, unprepared	95.0	0.33 package (10 oz)	0.023	0.034
11609	Beets, pickled, canned, solids and liquids	227.0	1.0 cup slices	0.023	0.020
18324	Pie, pecan, commercially prepared	28.35	1.0 oz	--	0.023
10007	Pork, fresh, separable fat, cooked	28.35	1.0 oz	0.023	0.055
18386	Muffins, blueberry, toaster-type, toasted	28.35	1.0 oz	0.023	0.020
05674	Chicken, skin (drumsticks and thighs), raw	28.35	1.0 oz	0.023	0.046

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18223	Crackers, milk	14.2	0.5 oz	0.023	0.020
11873	Swamp cabbage (skunk cabbage), cooked, boiled, drained, with salt	98.0	1.0 cup, chopped	0.023	0.034
11504	Swamp cabbage (skunk cabbage), cooked, boiled, drained, without salt	98.0	1.0 cup, chopped	0.023	0.034
11053	Beans, snap, green, cooked, boiled, drained, without salt	125.0	1.0 cup	0.022	0.029
11723	Beans, snap, green, cooked, boiled, drained, with salt	125.0	1.0 cup	0.022	0.029
11724	Beans, snap, yellow, cooked, boiled, drained, without salt	125.0	1.0 cup	0.022	0.029
11725	Beans, snap, yellow, cooked, boiled, drained, with salt	125.0	1.0 cup	0.022	0.029
09261	Pears, dried, sulfured, stewed, with added sugar	280.0	1.0 cup, halves	0.022	0.028
25060	Snack, Pretzel, hard chocolate coated	28.0	1.0 serving	0.022	0.019
18420	Cake, yellow, unenriched, dry mix	28.35	1.0 oz	0.022	0.023
18142	Cake, pudding-type, yellow, dry mix	28.35	1.0 oz	0.022	0.020
17005	Lamb, domestic, composite of trimmed retail cuts, separable fat, trimmed to 1/4" fat, choice, raw	28.35	1.0 oz	0.022	0.048
01097	Milk, canned, evaporated, nonfat, with added vitamin A and vitamin D	31.9	1.0 fl oz	0.022	0.060
11306	Peas, green, canned, regular pack, solids and liquids	124.0	0.5 cup	0.022	0.058
18427	Crackers, standard snack-type, regular, low salt	14.2	0.5 oz	0.022	0.019
11246	Leeks, (bulb and lower leaf-portion), raw	89.0	1.0 cup	0.022	0.016
11813	Peas, green, canned, no salt added, drained solids	85.0	0.5 cup	0.022	0.057
07055	Pate, liver, not specified, canned	13.0	1.0 tbsp	0.022	0.037
19024	Snacks, granola bars, soft, coated, milk chocolate coating, chocolate chip	35.0	1.0 bar (1.25 oz)	0.022	0.040
11018	Asparagus, frozen, unprepared	58.0	4.0 spears	0.022	0.018
18216	Crackers, crispbread, rye	14.2	0.5 oz	0.022	0.017
28291	Cookies, animal, with frosting or icing	31.0	8.0 cookies 1 serving	0.022	0.019
11649	Tomato products, canned, sauce, spanish style	244.0	1.0 cup	0.022	0.017
11886	Tomato juice, canned, without salt added	243.0	1.0 cup	0.022	0.012
21140	Side dishes, potato salad	95.0	0.333 cup	0.022	0.034
09263	Persimmons, japanese, raw	168.0	1.0 fruit (2-1/2" dia)	0.022	0.008
18097	Cake, pudding-type, chocolate, dry mix	28.35	1.0 oz	0.022	0.020
11060	Beans, snap, green, frozen, all styles, unprepared	121.0	1.0 cup	0.022	0.027
11730	Beans, snap, yellow, frozen, all styles, unprepared	121.0	1.0 cup	0.022	0.027
11965	Cauliflower, green, raw	64.0	1.0 cup	0.022	0.027
09088	Elderberries, raw	145.0	1.0 cup	0.022	0.020
11115	Cabbage, savoy, cooked, boiled, drained, without salt	145.0	1.0 cup, shredded	0.022	0.026
11753	Cabbage, savoy, cooked, boiled, drained, with salt	145.0	1.0 cup, shredded	0.022	0.026
11968	Cauliflower, green, cooked, with salt	62.0	0.5 cup (1" pieces)	0.022	0.027
06466	Soup, turkey vegetable, canned, prepared with equal volume water	241.0	1.0 cup (8 fl oz)	0.022	0.053

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18277	Muffins, blueberry, toaster-type	28.35	1.0 oz	0.022	0.019
19046	Snacks, potato chips, made from dried potatoes, sour-cream and onion-flavor	28.35	1.0 oz	0.022	0.029
19008	Snacks, corn-based, extruded, puffs or twists, cheese-flavor	28.35	1.0 oz, crunchy (about 21 pieces)	0.022	0.050
11135	Cauliflower, raw	107.0	1.0 cup chopped (1/2" pieces)	--	0.021
28293	Cookie, butter or sugar, with chocolate icing or filling	31.0	3.0 cookies	0.021	0.018
19410	Snack, potato chips, made from dried potatoes, plain	28.0	1.0 oz	0.021	0.019
18135	Cake, pudding-type, white, enriched, dry mix	28.35	1.0 oz	0.021	0.020
18198	Cookies, chocolate chip, commercially prepared, special dietary	28.35	1.0 oz	0.021	0.020
18419	Cake, pudding-type, white, unenriched, dry mix	28.35	1.0 oz	0.021	0.020
12095	Nuts, chestnuts, chinese, boiled and steamed	28.35	1.0 oz	0.021	0.020
17284	Lamb, Australian, imported, fresh, separable fat, raw	28.35	1.0 oz	0.021	0.045
11921	Peppers, sweet, red, sauteed	106.0	1.0 cup chopped	0.021	0.006
11368	Potatoes, microwaved, cooked in skin, flesh, without salt	78.0	0.5 cup	0.021	0.026
11835	Potatoes, microwaved, cooked in skin, flesh, with salt	78.0	0.5 cup	0.021	0.026
11916	Peppers, sweet, red, canned, solids and liquids	140.0	1.0 cup, halves	0.021	0.014
11335	Peppers, sweet, green, canned, solids and liquids	140.0	1.0 cup, halves	0.021	0.014
09314	Sapote, mamey, raw	175.0	1.0 cup 1" pieces	0.021	0.042
11094	Broccoli, frozen, spears, unprepared	95.0	0.33 package (10 oz)	0.021	0.035
09117	Grapefruit, raw, white, California	230.0	1.0 cup sections, with juice	0.021	0.018
19045	Snacks, potato chips, made from dried potatoes, reduced fat	28.35	1.0 oz	0.021	0.018
18170	Cookies, fig bars	28.35	1.0 oz	0.021	0.015
28292	Crackers, multigrain	14.0	4.0 crackers	0.021	0.017
11483	Squash, winter, acorn, cooked, baked, without salt	205.0	1.0 cup, cubes	0.020	0.029
11864	Squash, winter, acorn, cooked, baked, with salt	205.0	1.0 cup, cubes	0.020	0.029
09134	Grapes, canned, thompson seedless, heavy syrup pack, solids and liquids	256.0	1.0 cup	0.020	0.041
03119	Babyfood, vegetables, corn, creamed, strained	113.0	1.0 jar	0.020	0.045
09040	Bananas, raw	225.0	1.0 cup, mashed	0.020	0.018
11744	Broccoli, frozen, spears, cooked, boiled, drained, with salt	92.0	0.5 cup	0.020	0.034
11095	Broccoli, frozen, spears, cooked, boiled, drained, without salt	92.0	0.5 cup	0.020	0.034
11755	Cabbage, chinese (pe-tsai), cooked, boiled, drained, with salt	119.0	1.0 cup, shredded	0.020	0.011
11120	Cabbage, chinese (pe-tsai), cooked, boiled, drained, without salt	119.0	1.0 cup, shredded	0.020	0.011
18334	Pie crust, standard-type, frozen, ready-to-bake, enriched	18.0	1.0 piece (1/8 of 9" crust)	0.020	0.016
18152	Cookies, brownies, dry mix, regular	28.35	1.0 oz	0.020	0.016
18328	Pie, vanilla cream, prepared from recipe	28.35	1.0 oz	0.020	0.029
18147	Cheesecake commercially prepared	28.35	1.0 oz	0.020	0.039
18375	Leavening agents, yeast, baker's, active dry	4.0	1.0 tsp	0.020	0.024

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
01186	Cheese, cream, fat free	18.0	1.0 tbsp	0.020	0.091
11062	Beans, snap, green, frozen, all styles, microwaved	111.0	1.0 cup	0.020	0.024
11337	Peppers, sweet, green, frozen, chopped, unprepared	95.0	0.33 package (10 oz)	0.020	0.012
11917	Peppers, sweet, red, frozen, chopped, unprepared	95.0	0.33 package (10 oz)	0.020	0.012
05282	Pate de foie gras, canned (goose liver pate), smoked	13.0	1.0 tbsp	0.020	0.035
07054	Pate, goose liver, smoked, canned	13.0	1.0 tbsp	0.020	0.035
18128	Cake, snack cakes, creme-filled, sponge	28.35	1.0 oz	0.020	0.018
01096	Milk, canned, evaporated, with added vitamin D and without added vitamin A	31.5	1.0 fl oz	0.020	0.054
01153	Milk, canned, evaporated, with added vitamin A	31.5	1.0 fl oz	0.020	0.054
06410	Soup, cream of celery, canned, prepared with equal volume water	248.0	1.0 cup	0.020	0.030
09201	Oranges, raw, California, valencias	180.0	1.0 cup sections, without membranes	0.020	0.040
09059	Breadfruit, raw	220.0	1.0 cup	0.020	0.022
01069	Cream substitute, powdered	94.0	1.0 cup	0.020	0.136
11489	Squash, winter, hubbard, raw	116.0	1.0 cup, cubes	0.020	0.029
11647	Sweet potato, canned, syrup pack, drained solids	196.0	1.0 cup	0.020	0.063
09133	Grapes, canned, thompson seedless, water pack, solids and liquids	245.0	1.0 cup	0.020	0.042
11267	Mushrooms, shiitake, stir-fried	89.0	1.0 cup whole	0.020	0.029
18148	Cheesecake prepared from mix, no-bake type	28.35	1.0 oz	0.020	0.033
11555	Tomato products, canned, sauce, with herbs and cheese	122.0	0.5 cup	0.020	0.034
11559	Tomato products, canned, sauce, with tomato tidbits	244.0	1.0 cup	0.020	0.017
01076	Milk substitutes, fluid, with lauric acid oil	244.0	1.0 cup	0.020	0.129
08069	Cereals ready-to-eat, KELLOGG, KELLOGG'S FROSTED FLAKES	30.0	0.75 cup (1 NLEA serving)	--	0.020
11980	Peppers, chili, green, canned	139.0	1.0 cup	0.019	0.013
11098	Brussels sprouts, raw	88.0	1.0 cup	0.019	0.028
18304	Pie, banana cream, prepared from recipe	28.35	1.0 oz	0.019	0.026
17092	Veal, composite of trimmed retail cuts, separable fat, raw	28.35	1.0 oz	0.019	0.040
16124	Soy sauce made from soy (tamari)	18.0	1.0 tbsp	0.019	0.030
11531	Tomatoes, red, ripe, canned, packed in tomato juice	240.0	1.0 cup	--	0.019
11054	Beans, snap, green, canned, regular pack, solids and liquids	240.0	1.0 cup	0.019	0.022
11885	Tomatoes, red, ripe, canned, packed in tomato juice, no salt added	240.0	1.0 cup	--	0.019
11848	Pumpkin leaves, cooked, boiled, drained, with salt	71.0	1.0 cup	0.019	0.033
11419	Pumpkin leaves, cooked, boiled, drained, without salt	71.0	1.0 cup	0.019	0.033
18174	Cookies, graham crackers, chocolate-coated	27.0	3.0 pieces	0.019	0.017
19095	Ice creams, vanilla	66.0	1.0 serving 1/2 cup	0.019	0.053
09291	Plums, dried (prunes), uncooked	174.0	1.0 cup, pitted	0.019	0.028
18374	Leavening agents, yeast, baker's, compressed	17.0	1.0 cake (0.6 oz)	0.019	0.028

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
09030	Apricots, dehydrated (low-moisture), sulfured, uncooked	119.0	1.0 cup	0.019	0.029
11278	Okra, raw	100.0	1.0 cup	0.019	0.021
25012	Snacks, sweet potato chips, unsalted	28.35	1.0 oz	0.019	0.026
10167	Pork, cured, separable fat (from ham and arm picnic), roasted	28.35	1.0 oz	0.019	0.032
18156	Cookies, fudge, cake-type (includes trolley cakes)	28.35	1.0 oz	0.019	0.020
18202	Cookies, sugar wafer, with creme filling, sugar free	28.35	1.0 oz	0.019	0.015
18327	Pie, pumpkin, prepared from recipe	28.35	1.0 oz	0.019	0.030
11900	Corn, sweet, white, raw	73.0	1.0 ear, small (5-1/2" to 6-1/2" long)	0.019	0.049
11732	Beans, snap, yellow, frozen, cooked, boiled, drained, without salt	135.0	1.0 cup	0.019	0.024
11733	Beans, snap, yellow, frozen, cooked, boiled, drained, with salt	135.0	1.0 cup	0.019	0.024
11061	Beans, snap, green, frozen, cooked, boiled, drained without salt	135.0	1.0 cup	0.019	0.024
11731	Beans, snap, green, frozen, cooked, boiled, drained, with salt	135.0	1.0 cup	0.019	0.024
06010	Soup, cream of celery, canned, condensed	126.0	0.5 cup	0.019	0.030
16123	Soy sauce made from soy and wheat (shoyu)	16.0	1.0 tbsp	0.019	0.016
11831	Potatoes, boiled, cooked in skin, flesh, with salt	78.0	0.5 cup	0.019	0.023
11365	Potatoes, boiled, cooked in skin, flesh, without salt	78.0	0.5 cup	0.019	0.023
11891	Turnip greens, cooked, boiled, drained, with salt	144.0	1.0 cup, chopped	0.019	0.037
11569	Turnip greens, cooked, boiled, drained, without salt	144.0	1.0 cup, chopped	0.019	0.037
18131	Cake, white, dry mix, special dietary (includes lemon-flavored)	28.35	1.0 oz	0.019	0.014
18119	Cake, pineapple upside-down, prepared from recipe	28.35	1.0 oz	0.019	0.021
03051	Babyfood, dinner, spaghetti and tomato and meat, toddler	28.35	1.0 oz	0.019	0.029
05353	USDA Commodity, chicken fajita strips, frozen	9.4	1.0 strip	0.019	0.052
11326	Peas and onions, frozen, unprepared	69.0	0.5 cup	0.019	0.041
12129	Nuts, ginkgo nuts, canned	155.0	1.0 cup (78 kernels)	0.019	0.045
09236	Peaches, yellow, raw	154.0	1.0 cup slices	0.018	0.015
12202	Nuts, chestnuts, japanese, raw	28.35	1.0 oz	0.018	0.015
09112	Grapefruit, raw, pink and red, all areas	230.0	1.0 cup sections, with juice	0.018	0.016
11028	Bamboo shoots, canned, drained solids	131.0	1.0 cup (1/8" slices)	0.018	0.026
07067	Poultry salad sandwich spread	13.0	1.0 tbsp	0.018	0.042
36028	DENNY'S, coleslaw	91.0	1.0 serving	--	0.018
01031	Cheese, neufchatel	28.35	1.0 oz	0.018	0.083
07065	Pork and beef sausage, fresh, cooked	13.0	1.0 link (raw dimensions: 4" long x 7/8" dia), cooked	0.018	0.043
11696	Tomatoes, yellow, raw	139.0	1.0 cup, chopped	0.018	0.011
18360	Taco shells, baked	12.9	1.0 shell	0.018	0.023

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
08104	Cereals, farina, enriched, assorted brands including CREAM OF WHEAT, quick (1-3 minutes), dry	11.0	1.0 tbsp	0.018	0.020
11857	Squash, summer, all varieties, cooked, boiled, drained, with salt	180.0	1.0 cup slices	0.018	0.023
11858	Squash, summer, crookneck and straightneck, cooked, boiled, drained, with salt	180.0	1.0 cup slices	0.018	0.023
11352	Potatoes, flesh and skin, raw	75.0	0.5 cup, diced	0.018	0.024
11468	Squash, summer, crookneck and straightneck, cooked, boiled, drained, without salt	180.0	1.0 cup, sliced	0.018	0.023
09200	Oranges, raw, all commercial varieties	180.0	1.0 cup, sections	0.018	0.036
11642	Squash, summer, all varieties, cooked, boiled, drained, without salt	180.0	1.0 cup, sliced	0.018	0.023
01054	Cream, whipped, cream topping, pressurized	60.0	1.0 cup	0.018	0.048
11052	Beans, snap, green, raw	100.0	1.0 cup 1/2" pieces	0.018	0.022
01053	Cream, fluid, heavy whipping	120.0	1.0 cup, whipped	0.018	0.079
11722	Beans, snap, yellow, raw	100.0	1.0 cup 1/2" pieces	0.018	0.022
19807	Snacks, popcorn, oil-popped, white popcorn, salt added	11.0	1.0 cup	0.018	0.021
19035	Snacks, popcorn, oil-popped, microwave, regular flavor, no trans fat	11.0	1.0 cup	0.018	0.021
09052	Blueberries, canned, heavy syrup, solids and liquids	256.0	1.0 cup	0.018	0.026
11520	Taro leaves, raw	28.0	1.0 cup	0.018	0.022
11333	Peppers, sweet, green, raw	149.0	1.0 cup, chopped	0.018	0.010
12101	Nuts, chestnuts, european, boiled and steamed	28.35	1.0 oz	0.018	0.013
11254	Lotus root, raw	81.0	10.0 slices (2-1/2" dia)	--	0.018
19319	Puddings, banana, dry mix, instant, prepared with whole milk	127.0	0.5 cup	0.018	0.077
19321	Puddings, banana, dry mix, regular, prepared with whole milk	127.0	0.5 cup	0.018	0.081
11828	Potatoes, baked, flesh and skin, with salt	61.0	0.5 cup	0.018	0.023
11043	Mung beans, mature seeds, sprouted, raw	104.0	1.0 cup	0.018	0.035
06017	Soup, chicken gumbo, canned, condensed	126.0	0.5 cup (4 fl oz)	0.018	0.045
19040	Snacks, popcorn, cheese-flavor	11.0	1.0 cup	0.018	0.021
18110	Cake, fruitcake, commercially prepared	28.35	1.0 oz	0.018	0.017
18117	Cake, pudding-type, marble, dry mix	28.35	1.0 oz	0.018	0.014
18167	Cookies, chocolate sandwich, with creme filling, regular, chocolate-coated	28.35	1.0 oz	0.018	0.014
18326	Pie, pumpkin, commercially prepared	28.35	1.0 oz	0.018	0.071
18127	Cake, snack cakes, creme-filled, chocolate with frosting	28.35	1.0 oz	0.018	0.015
11570	Turnip greens, canned, solids and liquids	117.0	0.5 cup	0.018	0.036
11993	Mushrooms, maitake, raw	70.0	1.0 cup diced	0.018	0.010
11557	Tomato products, canned, sauce, with onions, green peppers, and celery	250.0	1.0 cup	0.018	0.012
09033	Apricots, dried, sulfured, stewed, without added sugar	250.0	1.0 cup, halves	0.018	0.012
09120	Grapefruit, sections, canned, juice pack, solids and liquids	249.0	1.0 cup	--	0.017
11788	Hyacinth-beans, immature seeds, cooked, boiled, drained, with salt	87.0	1.0 cup	0.017	0.023

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11225	Hyacinth-beans, immature seeds, cooked, boiled, drained, without salt	87.0	1.0 cup	0.017	0.023
11795	Leeks, (bulb and lower leaf-portion), cooked, boiled, drained, with salt	124.0	1.0 leek	0.017	0.012
11247	Leeks, (bulb and lower leaf-portion), cooked, boiled, drained, without salt	124.0	1.0 leek	0.017	0.012
19806	Snacks, popcorn, air-popped (Unsalted)	8.0	1.0 cup	0.017	0.020
19034	Snacks, popcorn, air-popped	8.0	1.0 cup	0.017	0.020
09090	Figs, canned, water pack, solids and liquids	248.0	1.0 cup	0.017	0.007
11506	Sweet potato leaves, cooked, steamed, without salt	64.0	1.0 cup	0.017	0.032
11874	Sweet potato leaves, cooked, steamed, with salt	64.0	1.0 cup	0.017	0.032
11084	Beets, canned, drained solids	157.0	1.0 cup, diced	0.017	0.016
11833	Potatoes, boiled, cooked without skin, flesh, with salt	78.0	0.5 cup	0.017	0.021
11367	Potatoes, boiled, cooked without skin, flesh, without salt	78.0	0.5 cup	0.017	0.021
11551	Tomato products, canned, sauce, with mushrooms	245.0	1.0 cup	0.017	0.034
11670	Peppers, hot chili, green, raw	45.0	1.0 pepper	0.017	0.011
11819	Peppers, hot chili, red, raw	45.0	1.0 pepper	0.017	0.011
06417	Soup, chicken gumbo, canned, prepared with equal volume water	244.0	1.0 cup	0.017	0.046
09334	Feijoa, raw	243.0	1.0 cup, pureed	--	0.017
18253	Doughnuts, french crullers, glazed	28.35	1.0 oz	0.017	0.016
03959	Babyfood, mashed cheddar potatoes and broccoli, toddlers	170.0	1.0 container	0.017	0.036
11081	Beets, cooked, boiled, drained	85.0	0.5 cup slices	0.017	0.016
11734	Beets, cooked, boiled. drained, with salt	85.0	0.5 cup slices	0.017	0.016
11487	Squash, winter, butternut, frozen, unprepared	113.0	0.33 package (12 oz)	0.017	0.025
11475	Squash, summer, scallop, raw	130.0	1.0 cup slices	0.017	0.022
11933	Beans, snap, yellow, canned, no salt added, drained solids	153.0	1.0 cup	0.017	0.021
11729	Beans, snap, green, canned, no salt added, drained solids	153.0	1.0 cup	0.017	0.020
11932	Beans, snap, yellow, canned, regular pack, drained solids	153.0	1.0 cup	0.017	0.021
19898	Ice creams, regular, low carbohydrate, vanilla	58.0	1.0 individual (3.5 fl oz)	0.017	0.047
01164	Cheese sauce, prepared from recipe	30.0	2.0 tbsp	0.017	0.073
18445	Pie, fried pies, lemon	28.35	1.0 oz	0.017	0.015
18319	Pie, fried pies, fruit	28.35	1.0 oz	0.017	0.015
18444	Pie, fried pies, cherry	28.35	1.0 oz	0.017	0.015
36025	CRACKER BARREL, coleslaw	167.0	1.0 serving	--	0.017
08090	Cereals, corn grits, white, regular and quick, enriched, dry	9.7	1.0 tbsp	0.017	0.018
09202	Oranges, raw, navels	165.0	1.0 cup sections, without membranes	0.016	0.015
11355	Potatoes, red, flesh and skin, raw	75.0	0.5 cup, diced	0.016	0.022
11505	Sweet potato leaves, raw	35.0	1.0 cup, chopped	0.016	0.030
18354	Strudel, apple	28.35	1.0 oz	0.016	0.019

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11866	Squash, winter, butternut, cooked, baked, with salt	205.0	1.0 cup, cubes	0.016	0.023
11863	Squash, winter, all varieties, cooked, baked, with salt	205.0	1.0 cup, cubes	0.016	0.023
11486	Squash, winter, butternut, cooked, baked, without salt	205.0	1.0 cup, cubes	0.016	0.023
11644	Squash, winter, all varieties, cooked, baked, without salt	205.0	1.0 cup, cubes	0.016	0.023
01021	Cheese, gjetost	28.35	1.0 oz	0.016	0.090
18085	Bread stuffing, cornbread, dry mix, prepared	28.35	1.0 oz	0.016	0.016
09116	Grapefruit, raw, white, all areas	230.0	1.0 cup sections, with juice	--	0.016
11940	Pickles, cucumber, sweet (includes bread and butter pickles)	160.0	1.0 cup, chopped	--	0.016
09062	Cherimoya, raw	160.0	1.0 cup, pieces	0.016	0.034
07073	Sandwich spread, pork, beef	15.0	1.0 tbsp	0.016	0.029
06984	Soup, SWANSON Chicken Broth 99% Fat Free	227.0	1.0 serving 1 cup 8 oz	--	0.016
18082	Bread stuffing, bread, dry mix, prepared	28.35	1.0 oz	0.016	0.014
10105	Pork, fresh, variety meats and by-products, jowl, raw	28.35	1.0 oz	0.016	0.027
18196	Cookies, brownies, dry mix, sugar free	28.35	1.0 oz	0.016	0.012
14632	Beverages, Meal supplement drink, canned, peanut flavor	158.0	1.0 cup	0.016	0.158
11939	Mushrooms, portabella, exposed to ultraviolet light, grilled	121.0	1.0 cup sliced	0.016	0.046
05090	Chicken, broilers or fryers, neck, meat only, cooked, simmered	5.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.016	0.034
11503	Swamp cabbage, (skunk cabbage), raw	56.0	1.0 cup, chopped	0.016	0.025
03098	Babyfood, vegetables, beets, strained	224.0	1.0 cup	0.016	0.022
09093	Figs, canned, extra heavy syrup pack, solids and liquids	261.0	1.0 cup	0.016	0.008
11096	Broccoli raab, raw	40.0	1.0 cup chopped	0.016	0.019
19036	Snacks, popcorn, cakes	10.0	1.0 cake	0.016	0.021
11712	Bamboo shoots, cooked, boiled, drained, with salt	120.0	1.0 cup (1/2" slices)	0.016	0.020
11027	Bamboo shoots, cooked, boiled, drained, without salt	120.0	1.0 cup (1/2" slices)	0.016	0.020
12128	Nuts, ginkgo nuts, dried	28.35	1.0 oz	0.016	0.038
09092	Figs, canned, heavy syrup pack, solids and liquids	259.0	1.0 cup	0.016	0.008
09370	Peaches, canned, heavy syrup, drained	222.0	1.0 cup	0.016	0.011
08160	Cereals, corn grits, yellow, regular and quick, unenriched, dry	9.7	1.0 tbsp	0.015	0.018
03049	Babyfood, dinner, beef and rice, toddler	28.35	1.0 oz	0.015	0.035
12205	Seeds, lotus seeds, raw	28.35	1.0 oz	0.015	0.020
11363	Potatoes, baked, flesh, without salt	61.0	0.5 cup	0.015	0.019
11829	Potatoes, baked, flesh, with salt	61.0	0.5 cup	0.015	0.019
09121	Grapefruit, sections, canned, light syrup pack, solids and liquids	254.0	1.0 cup	0.015	0.013
11289	Onions, frozen, whole, unprepared	95.0	0.33 package (10 oz)	0.015	0.007
11280	Okra, frozen, unprepared	95.0	0.33 package (10 oz)	0.015	0.017
11817	Peas and carrots, frozen, cooked, boiled, drained, with salt	80.0	0.5 cup	0.015	0.035

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11137	Cauliflower, frozen, unprepared	66.0	0.5 cup (1" pieces)	0.015	0.018
09091	Figs, canned, light syrup pack, solids and liquids	252.0	1.0 cup	0.015	0.008
08156	Cereals ready-to-eat, rice, puffed, fortified	14.0	1.0 cup	0.015	0.026
09132	Grapes, red or green (European type, such as Thompson seedless), raw	151.0	1.0 cup	0.015	0.014
11643	Squash, winter, all varieties, raw	116.0	1.0 cup, cubes	0.015	0.021
03052	Babyfood, dinner, beef stew, toddler	28.35	1.0 oz	0.015	0.040
11354	Potatoes, white, flesh and skin, raw	75.0	0.5 cup, diced	0.015	0.020
09031	Apricots, dehydrated (low-moisture), sulfured, stewed	249.0	1.0 cup	0.015	0.025
09219	Tangerines, (mandarin oranges), canned, juice pack	249.0	1.0 cup	0.015	0.032
11477	Squash, summer, zucchini, includes skin, raw	124.0	1.0 cup, chopped	0.015	0.022
11718	Mung beans, mature seeds, sprouted, cooked, boiled, drained, with salt	124.0	1.0 cup	0.015	0.031
11044	Mung beans, mature seeds, sprouted, cooked, boiled, drained, without salt	124.0	1.0 cup	0.015	0.031
25040	Snacks, vegetable chips, made from garden vegetables	28.35	1.0 oz	0.015	0.022
12098	Nuts, chestnuts, european, raw, peeled	28.35	1.0 oz	0.015	0.011
03685	Babyfood, cereal, mixed, prepared with whole milk	28.35	1.0 oz	0.015	0.026
11804	Okra, frozen, cooked, boiled, drained, with salt	92.0	0.5 cup slices	0.015	0.017
11322	Peas and carrots, frozen, unprepared	70.0	0.5 cup	0.015	0.034
11484	Squash, winter, acorn, cooked, boiled, mashed, without salt	245.0	1.0 cup, mashed	0.015	0.020
11865	Squash, winter, acorn, cooked, boiled, mashed, with salt	245.0	1.0 cup, mashed	0.015	0.020
09119	Grapefruit, sections, canned, water pack, solids and liquids	244.0	1.0 cup	0.015	0.012
11519	Taro, cooked, without salt	132.0	1.0 cup, sliced	0.015	0.009
11878	Taro, cooked, with salt	132.0	1.0 cup slices	0.015	0.009
18322	Pie, mince, prepared from recipe	28.35	1.0 oz	0.014	0.015
18306	Pie, blueberry, prepared from recipe	28.35	1.0 oz	0.014	0.013
11803	Okra, cooked, boiled, drained, with salt	80.0	0.5 cup slices	0.014	0.016
01071	Dessert topping, powdered, 1.5 ounce prepared with 1/2 cup milk	80.0	1.0 cup	0.014	0.074
11279	Okra, cooked, boiled, drained, without salt	80.0	0.5 cup slices	0.014	0.016
11740	Broccoli, flower clusters, raw	71.0	1.0 cup flowerets	0.014	0.024
18303	Pie, banana cream, prepared from mix, no-bake type	28.35	1.0 oz	0.014	0.019
18309	Pie, cherry, prepared from recipe	28.35	1.0 oz	0.014	0.012
18302	Pie, apple, prepared from recipe	28.35	1.0 oz	0.014	0.012
10166	Pork, cured, separable fat (from ham and arm picnic), unheated	28.35	1.0 oz	0.014	0.024
18312	Pie, chocolate mousse, prepared from mix, no-bake type	28.35	1.0 oz	0.014	0.018
11890	Turnips, frozen, cooked, boiled, drained, with salt	156.0	1.0 cup	0.014	0.030
11797	Mushrooms, white, cooked, boiled, drained, with salt	156.0	1.0 cup pieces	0.014	0.034
11567	Turnips, frozen, cooked, boiled, drained, without salt	156.0	1.0 cup	0.014	0.030

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11261	Mushrooms, white, cooked, boiled, drained, without salt	156.0	1.0 cup pieces	0.014	0.034
11263	Mushrooms, white, stir-fried	108.0	1.0 cup sliced	0.014	0.037
01106	Milk, goat, fluid, with added vitamin D	30.5	1.0 fl oz	0.014	0.024
03994	Babyfood, fruit, banana and strawberry, junior	140.0	1.0 bottle	0.014	0.013
19524	Snacks, taro chips	28.35	1.0 oz	0.014	0.009
09118	Grapefruit, raw, white, Florida	230.0	1.0 cup sections, with juice	--	0.014
09114	Grapefruit, raw, pink and red, Florida	230.0	1.0 cup sections, with juice	0.014	0.012
09070	Cherries, sweet, raw	138.0	1.0 cup, with pits, yields	--	0.014
09111	Grapefruit, raw, pink and red and white, all areas	230.0	1.0 cup sections, with juice	--	0.014
11281	Okra, frozen, cooked, boiled, drained, without salt	92.0	0.5 cup slices	0.014	0.016
08478	Cereals ready-to-eat, MALT-O-MEAL, GOLDEN PUFFS	27.0	0.75 cup (1 NLEA serving)	0.014	0.025
01146	Cheese, parmesan, shredded	5.0	1.0 tbsp	0.014	0.056
02019	Spices, fenugreek seed	3.7	1.0 tsp	0.014	0.013
11390	Potatoes, hash brown, frozen, plain, unprepared	105.0	0.5 cup	0.014	0.024
19081	Candies, sweet chocolate	28.35	1.0 oz	0.014	0.011
03043	Babyfood, dinner, beef lasagna, toddler	28.35	1.0 oz	0.014	0.023
02024	Spices, mustard seed, ground	2.0	1.0 tsp	0.014	0.010
21422	KFC, Popcorn Chicken	6.4	1.0 piece	0.014	0.023
11641	Squash, summer, all varieties, raw	113.0	1.0 cup, sliced	0.014	0.019
11056	Beans, snap, green, canned, regular pack, drained solids	135.0	1.0 cup	0.014	0.018
05088	Chicken, broilers or fryers, neck, meat only, raw	6.0	1.0 unit (yield from 1 lb ready-to-cook chicken)	0.014	0.029
11214	Escarole, cooked, boiled, drained, no salt added	150.0	1.0 cup	0.013	0.020
03099	Babyfood, vegetables, carrots, strained	224.0	1.0 cup	0.013	0.020
03100	Babyfood, vegetables, carrots, junior	224.0	1.0 cup	0.013	0.020
11529	Tomatoes, red, ripe, raw, year round average	149.0	1.0 cup cherry tomatoes	0.013	0.009
11294	Onions, sweet, raw	148.0	1.0 NLEA serving	--	0.013
11287	Onions, frozen, chopped, unprepared	95.0	0.33 package (10 oz)	0.013	0.007
18090	Cake, boston cream pie, commercially prepared	28.35	1.0 oz	0.013	0.015
18159	Cookies, chocolate chip, commercially prepared, regular, higher fat, enriched	12.9	1.0 cookie	0.013	0.003
11136	Cauliflower, cooked, boiled, drained, without salt	62.0	0.5 cup (1" pieces)	0.013	0.016
11761	Cauliflower, cooked, boiled, drained, with salt	62.0	0.5 cup (1" pieces)	0.013	0.016
09203	Oranges, raw, Florida	185.0	1.0 cup sections, without membranes	0.013	0.028
08580	Incaparina, dry mix (corn and soy flours), unprepared	8.9	1.0 tbsp	0.013	0.039
05025	Chicken, heart, all classes, raw	6.1	1.0 heart	0.013	0.023
09320	Strawberries, frozen, sweetened, sliced	255.0	1.0 cup, thawed	0.013	0.003
03014	Babyfood, meat, chicken sticks, junior	10.0	1.0 stick	0.013	0.032

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11467	Squash, summer, crookneck and straightneck, raw	127.0	1.0 cup sliced	0.013	0.018
09317	Strawberries, canned, heavy syrup pack, solids and liquids	254.0	1.0 cup	0.013	0.003
31019	Seaweed, Canadian Cultivated EMI-TSUNOMATA, dry	5.0	0.25 cup	--	0.013
11339	Peppers, sweet, green, sauteed	115.0	1.0 cup chopped	0.013	0.008
11471	Squash, summer, crookneck and straightneck, canned, drained, solid, without salt	210.0	1.0 cup, diced	0.013	0.019
11485	Squash, winter, butternut, raw	140.0	1.0 cup, cubes	0.013	0.017
09220	Tangerines, (mandarin oranges), canned, light syrup pack	252.0	1.0 cup	0.013	0.025
06043	Soup, cream of mushroom, canned, condensed	126.0	0.5 cup	0.013	0.024
11659	Sweet potato, cooked, candied, home-prepared	105.0	1.0 piece (2-1/2" x 2" dia)	0.013	0.017
11478	Squash, summer, zucchini, includes skin, cooked, boiled, drained, without salt	180.0	1.0 cup, sliced	0.013	0.016
09250	Peaches, frozen, sliced, sweetened	250.0	1.0 cup, thawed	0.012	0.038
09238	Peaches, canned, juice pack, solids and liquids	250.0	1.0 cup	0.012	0.038
11418	Pumpkin leaves, raw	39.0	1.0 cup	0.012	0.021
10165	Pork, cured, salt pork, raw	28.35	1.0 oz	0.012	0.021
09207	Orange juice, canned, unsweetened	249.0	1.0 cup	0.012	0.007
16132	Tofu, salted and fermented (fuyu)	11.0	1.0 block	0.012	0.011
11820	Peppers, hot chili, red, canned, excluding seeds, solids and liquids	73.0	1.0 pepper	0.012	0.008
11329	Peppers, hot chili, green, canned, pods, excluding seeds, solids and liquids	73.0	1.0 pepper	0.012	0.008
25026	Popcorn, microwave, regular (butter) flavor, made with palm oil	7.9	1.0 cup	0.012	0.014
09206	Orange juice, raw	248.0	1.0 cup	0.012	0.007
19052	Snacks, rice cakes, brown rice, buckwheat	9.0	1.0 cake	0.012	0.014
19817	Snacks, rice cakes, brown rice, buckwheat, unsalted	9.0	1.0 cake	0.012	0.014
03017	Babyfood, meat, turkey sticks, junior	10.0	1.0 stick	0.012	0.030
18176	Cookies, marshmallow, chocolate-coated (includes marshmallow pies)	28.35	1.0 oz	0.012	0.014
14054	Beverages, almond milk, chocolate, ready-to-drink	240.0	8.0 fl oz	0.012	0.010
21416	POPEYES, Coleslaw	120.0	1.0 package	0.012	0.008
11964	Nopales, cooked, without salt	149.0	1.0 cup	0.012	0.024
11114	Cabbage, savoy, raw	70.0	1.0 cup, shredded	0.012	0.014
19916	Syrups, chocolate, HERSHEY'S Sugar free, Genuine Chocolate Flavored, Lite Syrup	35.0	2.0 tbsp	0.012	0.010
11116	Cabbage, chinese (pak-choi), raw	70.0	1.0 cup, shredded	0.012	0.006
09050	Blueberries, raw	148.0	1.0 cup	0.012	0.018
11473	Squash, summer, crookneck and straightneck, frozen, unprepared	130.0	1.0 cup slices	0.012	0.016
11408	Potatoes, frozen, french fried, par fried, extruded, unprepared	65.0	10.0 strips	0.012	0.021
18314	Pie, coconut cream, prepared from mix, no-bake type	28.35	1.0 oz	0.012	0.017
06338	CAMPBELL'S, Cream of Mushroom Soup, condensed	129.0	0.5 cup condensed	0.012	0.023
11429	Radishes, raw	116.0	1.0 cup slices	--	0.012

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11242	Kohlrabi, cooked, boiled, drained, without salt	165.0	1.0 cup slices	0.012	0.023
11793	Kohlrabi, cooked, boiled, drained, with salt	165.0	1.0 cup slices	0.012	0.023
11428	Purslane, cooked, boiled, drained, without salt	115.0	1.0 cup	0.012	0.016
11849	Purslane, cooked, boiled, drained, with salt	115.0	1.0 cup	0.012	0.016
09113	Grapefruit, raw, pink and red, California and Arizona	230.0	1.0 cup sections, with juice	--	0.012
11409	Potatoes, frozen, french fried, par fried, extruded, prepared, heated in oven, without salt	50.0	10.0 strips	0.012	0.020
11922	Sesbania flower, cooked, steamed, with salt	104.0	1.0 cup	0.011	0.015
11448	Sesbania flower, cooked, steamed, without salt	104.0	1.0 cup	0.011	0.015
19416	Snacks, rice cakes, brown rice, rye	9.0	1.0 cake	0.011	0.015
11479	Squash, summer, zucchini, includes skin, frozen, unprepared	95.0	0.33 package (10 oz)	0.011	0.016
11439	Sauerkraut, canned, solids and liquids	142.0	1.0 cup	0.011	0.013
18443	Pie, apple, commercially prepared, unenriched flour	28.35	1.0 oz	0.011	0.009
18301	Pie, apple, commercially prepared, enriched flour	28.35	1.0 oz	0.011	0.009
18095	Cake, cherry fudge with chocolate frosting	28.35	1.0 oz	0.011	0.013
28289	Cookie, vanilla with caramel, coconut, and chocolate coating	29.0	2.0 cookies	0.011	0.014
25014	Snacks, popcorn, microwave, regular (butter) flavor, made with partially hydrogenated oil	7.9	1.0 cup	0.011	0.010
11626	Beans, mung, mature seeds, sprouted, canned, drained solids	125.0	1.0 cup	0.011	0.021
11231	Jute, potherb, raw	28.0	1.0 cup	0.011	0.018
11224	Hyacinth-beans, immature seeds, raw	80.0	1.0 cup	0.011	0.015
11190	Cornsalad, raw	56.0	1.0 cup	0.011	0.014
19419	Snacks, corn cakes	9.0	1.0 cake	0.011	0.016
19800	Snacks, corn cakes, very low sodium	9.0	1.0 cake	0.011	0.016
19039	Snacks, popcorn, caramel-coated, without peanuts	28.35	1.0 oz	0.011	0.021
19400	Snacks, banana chips	28.35	1.0 oz	0.011	0.007
18305	Pie, blueberry, commercially prepared	28.35	1.0 oz	0.011	0.009
09421	Dates, medjool	24.0	1.0 date, pitted	0.011	0.004
11264	Mushrooms, canned, drained solids	156.0	1.0 cup	0.011	0.030
11258	Mountain yam, hawaii, raw	68.0	0.5 cup, cubes	0.011	0.012
09034	Apricots, dried, sulfured, stewed, with added sugar	270.0	1.0 cup, halves	0.011	0.016
09009	Apples, dehydrated (low moisture), sulfured, uncooked	60.0	1.0 cup	0.011	0.008
12115	Nuts, coconut cream, raw (liquid expressed from grated meat)	15.0	1.0 tbsp	0.011	0.010
11112	Cabbage, red, raw	89.0	1.0 cup, chopped	0.011	0.012
16137	Hummus, home prepared	15.0	1.0 tablespoon	0.011	0.012
11407	Potatoes, french fried, cottage-cut, salt not added in processing, frozen, oven-heated	50.0	10.0 strips	0.010	0.020
11457	Spinach, raw	30.0	1.0 cup	0.010	0.016
11840	Potatoes, frozen, french fried, par fried, cottage-cut, prepared, heated in oven, with salt	50.0	10.0 strips	0.010	0.020

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
10004	Pork, fresh, backfat, raw	28.35	1.0 oz	0.010	0.022
09241	Peaches, canned, heavy syrup pack, solids and liquids	262.0	1.0 cup	0.010	0.029
09242	Peaches, canned, extra heavy syrup pack, solids and liquids	262.0	1.0 cup, halves or slices	0.010	0.029
09011	Apples, dried, sulfured, uncooked	86.0	1.0 cup	0.010	0.008
19413	Snacks, rice cakes, brown rice, corn	9.0	1.0 cake	0.010	0.016
01111	Milk shakes, thick vanilla	28.4	1.0 fl oz	0.010	0.028
03686	Babyfood, cereal, mixed, with bananas, prepared with whole milk	28.35	1.0 oz	0.010	0.025
03690	Babyfood, cereal, oatmeal, with bananas, prepared with whole milk	28.35	1.0 oz	0.010	0.025
09319	Strawberries, frozen, sweetened, whole	255.0	1.0 cup, thawed	0.010	0.003
11394	Potatoes, french fried, shoestring, salt added in processing, frozen, as purchased	30.0	10.0 strip	--	0.010
09264	Persimmons, japanese, dried	34.0	1.0 fruit without refuse	0.010	0.004
19296	Honey	339.0	1.0 cup	0.010	0.003
09240	Peaches, canned, light syrup pack, solids and liquids	251.0	1.0 cup, halves or slices	0.010	0.028
11105	Burdock root, cooked, boiled, drained, without salt	125.0	1.0 cup (1" pieces)	0.010	0.015
11747	Burdock root, cooked, boiled, drained, with salt	125.0	1.0 cup (1" pieces)	0.010	0.015
09223	Tangerine juice, canned, sweetened	249.0	1.0 cup	0.010	0.005
18323	Pie, peach	28.35	1.0 oz	--	0.010
11860	Squash, summer, scallop, cooked, boiled, drained, with salt	90.0	0.5 cup slices	0.010	0.013
11119	Cabbage, chinese (pe-tsai), raw	76.0	1.0 cup, shredded	0.010	0.005
09221	Tangerine juice, raw	247.0	1.0 cup	0.010	0.005
11445	Seaweed, kelp, raw	10.0	2.0 tbsp (1/8 cup)	0.010	0.002
11482	Squash, winter, acorn, raw	140.0	1.0 cup, cubes	0.010	0.014
18160	Cookies, chocolate chip, commercially prepared, soft-type	14.2	1.0 cookie	--	0.010
11109	Cabbage, raw	89.0	1.0 cup, chopped	0.010	0.011
09237	Peaches, canned, water pack, solids and liquids	244.0	1.0 cup, halves or slices	0.010	0.027
11406	Potatoes, french fried, cottage-cut, salt not added in processing, frozen, as purchased	65.0	10.0 strips	0.010	0.018
15149	Crustaceans, shrimp, mixed species, raw (may have been previously frozen)	6.0	1.0 medium	0.010	0.024
11395	Potatoes, french fried, shoestring, salt added in processing, frozen, oven-heated	21.0	10.0 strip	--	0.010
03304	Babyfood, dinner, potatoes with cheese and ham, toddler	28.35	1.0 oz	0.010	0.020
03681	Babyfood, cereal, barley, prepared with whole milk	28.35	1.0 oz	0.010	0.024
19414	Snacks, rice cakes, brown rice, multigrain	9.0	1.0 cake	0.010	0.016
19818	Snacks, rice cakes, brown rice, multigrain, unsalted	9.0	1.0 cake	0.010	0.016
11726	Beans, snap, green, canned, no salt added, solids and liquids	120.0	0.5 cup	0.010	0.011
11727	Beans, snap, yellow, canned, regular pack, solids and liquids	120.0	0.5 cup	0.010	0.011
11728	Beans, snap, yellow, canned, no salt added, solids and liquids	120.0	0.5 cup	0.010	0.011
11241	Kohlrabi, raw	135.0	1.0 cup	0.009	0.018

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11285	Onions, canned, solids and liquids	63.0	1.0 onion	0.009	0.004
11568	Turnip greens, raw	55.0	1.0 cup, chopped	0.009	0.019
11206	Cucumber, peeled, raw	133.0	1.0 cup, pared, chopped	0.009	0.016
09055	Blueberries, frozen, sweetened	230.0	1.0 cup, thawed	0.009	0.014
09131	Grapes, american type (slip skin), raw	92.0	1.0 cup	0.009	0.019
09316	Strawberries, raw	152.0	1.0 cup, halves	0.009	0.003
11058	Beans, snap, canned, all styles, seasoned, solids and liquids	114.0	0.5 cup	0.009	0.011
03090	Babyfood, dinner, macaroni and cheese, junior	28.35	1.0 oz	0.009	0.026
01070	Dessert topping, powdered	43.0	1.5 oz	0.009	0.064
11161	Collards, raw	36.0	1.0 cup, chopped	0.009	0.012
21420	KFC, Coleslaw	112.0	1.0 package	0.009	0.019
09174	Loquats, raw	149.0	1.0 cup, cubed	0.009	0.006
19816	Snacks, rice cakes, brown rice, plain, unsalted	9.0	1.0 cake	0.009	0.017
25059	Snacks, brown rice chips	9.0	1.0 cake	0.009	0.017
19051	Snacks, rice cracker brown rice, plain	9.0	1.0 cake	0.009	0.017
09318	Strawberries, frozen, unsweetened	221.0	1.0 cup, thawed	0.009	0.002
18308	Pie, cherry, commercially prepared	28.35	1.0 oz	0.009	0.012
03185	Babyfood, cereal, mixed, dry fortified	2.5	1.0 tbsp	0.009	0.006
11265	Mushrooms, portabella, raw	86.0	1.0 cup diced	0.009	0.025
18313	Pie, coconut creme, commercially prepared	28.35	1.0 oz	0.009	0.012
03192	Babyfood, cereal, oatmeal, with applesauce and bananas, junior, fortified	28.35	1.0 oz	0.009	0.009
09184	Melons, honeydew, raw	170.0	1.0 cup, diced (approx 20 pieces per cup)	--	0.008
19819	Snacks, rice cakes, brown rice, sesame seed, unsalted	9.0	1.0 cake	0.008	0.016
19053	Snacks, rice cakes, brown rice, sesame seed	9.0	1.0 cake	0.008	0.016
11260	Mushrooms, white, raw	70.0	1.0 cup, pieces or slices	0.008	0.022
09013	Apples, dried, sulfured, stewed, with added sugar	280.0	1.0 cup	0.008	0.006
11297	Parsley, fresh	60.0	1.0 cup chopped	0.008	0.025
11796	Lotus root, cooked, boiled, drained, with salt	60.0	0.5 cup	--	0.008
11255	Lotus root, cooked, boiled, drained, without salt	60.0	0.5 cup	--	0.008
03072	Babyfood, dinner, chicken stew, toddler	16.0	1.0 tbsp	0.008	0.018
02033	Spices, poppy seed	2.8	1.0 tsp	0.008	0.014
11110	Cabbage, cooked, boiled, drained, without salt	75.0	0.5 cup, shredded	0.008	0.009
11751	Cabbage, common, cooked, boiled, drained, with salt	75.0	0.5 cup, shredded	0.008	0.009
43274	Cheese, cream, low fat	15.0	1.0 tbsp	0.008	0.038
09015	Apples, frozen, unsweetened, heated	206.0	1.0 cup slices	0.008	0.006
03712	Babyfood, cereal, rice, with bananas, prepared with whole milk	28.35	1.0 oz	0.008	0.024

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
18320	Pie, lemon meringue, commercially prepared	28.35	1.0 oz	0.008	0.009
03191	Babyfood, cereal, oatmeal, with applesauce and bananas, strained	28.35	1.0 oz	0.008	0.009
21249	BURGER KING, french fries	74.0	1.0 small serving	0.008	0.044
11003	Amaranth leaves, raw	28.0	1.0 cup	0.008	0.010
11426	Pumpkin pie mix, canned	270.0	1.0 cup	0.008	0.032
14415	Alcoholic beverage, liqueur, coffee with cream, 34 proof	31.1	1.0 fl oz	0.008	0.022
16429	Tofu, fried, prepared with calcium sulfate	13.0	1.0 piece	0.008	0.030
12131	Nuts, macadamia nuts, raw	134.0	1.0 cup, whole or halves	0.008	0.031
11284	Onions, dehydrated flakes	5.0	1.0 tbsp	0.008	0.004
11086	Beet greens, raw	38.0	1.0 cup	0.008	0.007
01110	Milk shakes, thick chocolate	28.4	1.0 fl oz	0.008	0.022
03197	Babyfood, cereal, with egg yolks, strained	28.35	1.0 oz	0.008	0.014
03694	Babyfood, cereal, rice, prepared with whole milk	28.35	1.0 oz	0.008	0.023
03198	Babyfood, cereal, with egg yolks, junior	28.35	1.0 oz	0.008	0.014
05047	Chicken, broilers or fryers, separable fat, raw	12.8	1.0 tbsp	0.008	0.010
14347	Shake, fast food, vanilla	20.8	1.0 fl oz	0.008	0.020
02020	Spices, garlic powder	3.1	1.0 tsp	0.008	0.003
31020	Seaweed, Canadian Cultivated EMI-TSUNOMATA, rehydrated	25.0	0.25 cup	--	0.008
11870	Squash, winter, spaghetti, cooked, boiled, drained, or baked, with salt	155.0	1.0 cup	0.008	0.011
11493	Squash, winter, spaghetti, cooked, boiled, drained, or baked, without salt	155.0	1.0 cup	0.008	0.011
09010	Apples, dehydrated (low moisture), sulfured, stewed	193.0	1.0 cup	0.008	0.006
20003	Arrowroot flour	128.0	1.0 cup	--	0.008
09089	Figs, raw	64.0	1.0 large (2-1/2" dia)	0.008	0.004
20027	Cornstarch	128.0	1.0 cup	--	0.008
03187	Babyfood, cereal, mixed, with applesauce and bananas, strained	28.35	1.0 oz	0.008	0.007
09012	Apples, dried, sulfured, stewed, without added sugar	255.0	1.0 cup	0.008	0.005
07031	Ham salad spread	15.0	1.0 tbsp	0.008	0.034
09282	Plums, canned, purple, juice pack, solids and liquids	252.0	1.0 cup, pitted	0.008	0.010
19080	Candies, semisweet chocolate	14.5	1.0 serving	0.008	0.006
11764	Celery, cooked, boiled, drained, with salt	150.0	1.0 cup, diced	0.008	0.010
11144	Celery, cooked, boiled, drained, without salt	150.0	1.0 cup, diced	0.008	0.010
09254	Pears, canned, juice pack, solids and liquids	248.0	1.0 cup, halves	0.007	0.010
09239	Peaches, canned, extra light syrup, solids and liquids	247.0	1.0 cup, halves or slices	0.007	0.025
09255	Pears, canned, extra light syrup pack, solids and liquids	247.0	1.0 cup, halves	0.007	0.010
03188	Babyfood, cereal, mixed, with applesauce and bananas, junior, fortified	28.35	1.0 oz	0.007	0.007
11431	Radishes, oriental, cooked, boiled, drained, without salt	147.0	1.0 cup, sliced	0.007	0.009

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11424	Pumpkin, canned, without salt	245.0	1.0 cup	0.007	0.029
11850	Radishes, oriental, cooked, boiled, drained, with salt	147.0	1.0 cup slices	0.007	0.009
11846	Pumpkin, canned, with salt	245.0	1.0 cup	0.007	0.029
11759	Carrots, canned, no salt added, drained solids	146.0	1.0 cup, sliced	0.007	0.006
03021	Babyfood, meat, meat sticks, junior	10.0	1.0 stick	0.007	0.031
14428	Beverages, shake, fast food, strawberry	23.5	1.0 fl oz	0.007	0.020
09243	Peaches, spiced, canned, heavy syrup pack, solids and liquids	242.0	1.0 cup, whole	0.007	0.024
25035	Snacks, granola bar, chewy, reduced sugar, all flavors	24.0	1.0 bar	0.007	0.006
11603	Yambean (jicama), raw	120.0	1.0 cup slices	0.007	0.008
09191	Nectarines, raw	143.0	1.0 cup slices	0.007	0.009
11104	Burdock root, raw	118.0	1.0 cup (1" pieces)	0.007	0.011
11268	Mushrooms, shiitake, dried	3.6	1.0 mushroom	0.007	0.006
03995	Babyfood, banana with mixed berries, strained	99.0	1.0 packet	0.007	0.006
09014	Apples, frozen, unsweetened, unheated	173.0	1.0 cup slices	0.007	0.005
02005	Spices, caraway seed	2.1	1.0 tsp	0.007	0.008
11963	Nopales, raw	86.0	1.0 cup, sliced	0.007	0.013
03286	Babyfood, vegetables, mix vegetables strained	28.35	1.0 oz	0.007	0.005
12203	Nuts, chestnuts, japanese, boiled and steamed	28.35	1.0 oz	0.007	0.006
03997	Babyfood, Baby MUM MUM Rice Biscuits	8.0	4.0 biscuit	0.007	0.010
09006	Apples, raw, without skin, cooked, microwave	170.0	1.0 cup slices	0.007	0.005
12132	Nuts, macadamia nuts, dry roasted, without salt added	132.0	1.0 cup, whole or halves	0.007	0.030
11125	Carrots, cooked, boiled, drained, without salt	9.7	1.0 tbsp	0.007	0.002
11757	Carrots, cooked, boiled, drained, with salt	9.7	1.0 tbsp	0.007	0.002
12127	Nuts, ginkgo nuts, raw	28.35	1.0 oz	0.007	0.016
11564	Turnips, raw	130.0	1.0 cup, cubes	0.007	0.014
11282	Onions, raw	160.0	1.0 cup, chopped	0.006	0.003
11861	Squash, summer, zucchini, includes skin, cooked, boiled, drained, with salt	90.0	0.5 cup slices	0.006	0.008
11565	Turnips, cooked, boiled, drained, without salt	156.0	1.0 cup, cubes	0.006	0.014
11889	Turnips, cooked, boiled, drained, with salt	156.0	1.0 cup, cubes	0.006	0.014
09054	Blueberries, frozen, unsweetened	155.0	1.0 cup, unthawed	0.006	0.011
11126	Carrots, canned, regular pack, solids and liquids	123.0	0.5 cup slices	0.006	0.005
09340	Pears, asian, raw	122.0	1.0 fruit 2-1/4" high x 2-1/2" dia	0.006	0.007
01017	Cheese, cream	14.5	1.0 tbsp	0.006	0.028
20068	Tapioca, pearl, dry	152.0	1.0 cup	0.006	0.003
36021	APPLEBEE'S, coleslaw	76.0	1.0 serving	--	0.006
01107	Milk, human, mature, fluid	30.8	1.0 fl oz	0.006	0.006

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11430	Radishes, oriental, raw	116.0	1.0 cup slices	0.006	0.007
11253	Lettuce, green leaf, raw	36.0	1.0 cup shredded	--	0.006
11130	Carrots, frozen, unprepared	64.0	0.5 cup slices	0.006	0.004
19364	Toppings, butterscotch or caramel	41.0	2.0 tbsp	0.006	0.015
03283	Babyfood, vegetables, garden vegetable, strained	28.35	1.0 oz	0.006	0.012
11566	Turnips, frozen, unprepared	94.0	0.333 package, mashed (10 oz)	0.006	0.012
09077	Crabapples, raw	110.0	1.0 cup slices	0.006	0.004
03045	Babyfood, dinner, macaroni and tomato and beef, junior	16.0	1.0 tbsp	0.005	0.006
13335	Beef, variety meats and by-products, suet, raw	28.35	1.0 oz	0.005	0.011
19226	Frostings, chocolate, creamy, ready-to-eat	41.0	2.0 tbsp creamy	0.005	0.005
09257	Pears, canned, heavy syrup pack, solids and liquids	266.0	1.0 cup	--	0.005
09258	Pears, canned, extra heavy syrup pack, solids and liquids	266.0	1.0 cup, halves	--	0.005
02028	Spices, paprika	2.3	1.0 tsp	0.005	0.005
19710	Puddings, vanilla, dry mix, regular, with added oil	88.0	1.0 package (3.12 oz)	0.005	0.004
19206	Puddings, vanilla, dry mix, regular	88.0	1.0 package (3.12 oz)	0.005	0.004
11266	Mushrooms, brown, italian, or crimini, raw	87.0	1.0 cup whole	0.005	0.042
09285	Plums, canned, purple, extra heavy syrup pack, solids and liquids	261.0	1.0 cup, pitted	0.005	0.008
09028	Apricots, canned, heavy syrup pack, without skin, solids and liquids	258.0	1.0 cup, whole, without pits	0.005	0.008
11998	Mushrooms, portabella, exposed to ultraviolet light, raw	86.0	1.0 cup diced	0.005	0.041
09284	Plums, canned, purple, heavy syrup pack, solids and liquids	258.0	1.0 cup, pitted	0.005	0.008
09027	Apricots, canned, heavy syrup pack, with skin, solids and liquids	258.0	1.0 cup, halves	0.005	0.008
03186	Babyfood, cereal, mixed, with bananas, dry	2.5	1.0 tbsp	0.005	0.005
03067	Babyfood, dinner, vegetables and lamb, junior	28.35	1.0 oz	0.005	0.009
09402	Applesauce, canned, sweetened, with salt	255.0	1.0 cup	--	0.005
09026	Apricots, canned, light syrup pack, with skin, solids and liquids	253.0	1.0 cup, halves	0.005	0.008
11492	Squash, winter, spaghetti, raw	101.0	1.0 cup, cubes	0.005	0.007
09283	Plums, canned, purple, light syrup pack, solids and liquids	252.0	1.0 cup, pitted	0.005	0.008
09256	Pears, canned, light syrup pack, solids and liquids	251.0	1.0 cup, halves	--	0.005
09210	Orange juice, chilled, includes from concentrate, with added calcium and vitamin D	249.0	1.0 cup	--	0.005
09211	Orange juice, chilled, includes from concentrate, with added calcium	249.0	1.0 cup	--	0.005
09281	Plums, canned, purple, water pack, solids and liquids	249.0	1.0 cup, pitted	0.005	0.007
09506	Orange juice, chilled, includes from concentrate, with added calcium and vitamins A, D, E	249.0	1.0 cup	--	0.005
09209	Orange juice, chilled, includes from concentrate	249.0	1.0 cup	--	0.005
11250	Lettuce, butterhead (includes boston and bibb types), raw	55.0	1.0 cup, shredded or chopped	0.005	0.008
09025	Apricots, canned, extra light syrup pack, with skin, solids and liquids	247.0	1.0 cup, halves	0.005	0.007

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11209	Eggplant, raw	82.0	1.0 cup, cubes	0.005	0.009
09029	Apricots, canned, extra heavy syrup pack, without skin, solids and liquids	246.0	1.0 cup, whole, without pits	0.005	0.007
09020	Applesauce, canned, sweetened, without salt (includes USDA commodity)	246.0	1.0 cup	--	0.005
11423	Pumpkin, cooked, boiled, drained, without salt	245.0	1.0 cup, mashed	0.005	0.020
09272	Pineapple, frozen, chunks, sweetened	245.0	1.0 cup, chunks	0.005	0.027
11845	Pumpkin, cooked, boiled, drained, with salt	245.0	1.0 cup, mashed	0.005	0.020
09401	Applesauce, canned, unsweetened, with added ascorbic acid	244.0	1.0 cup	--	0.005
09019	Applesauce, canned, unsweetened, without added ascorbic acid (includes USDA commodity)	244.0	1.0 cup	--	0.005
09253	Pears, canned, water pack, solids and liquids	244.0	1.0 cup, halves	--	0.005
09024	Apricots, canned, juice pack, with skin, solids and liquids	244.0	1.0 cup, halves	0.005	0.007
02009	Spices, chili powder	2.7	1.0 tsp	0.005	0.004
09022	Apricots, canned, water pack, with skin, solids and liquids	243.0	1.0 cup, halves	0.005	0.010
09160	Lime juice, raw	242.0	1.0 cup	--	0.005
09035	Apricots, frozen, sweetened	242.0	1.0 cup	0.005	0.007
01049	Cream, fluid, half and half	30.2	1.0 fl oz	0.005	0.022
03934	Babyfood, corn and sweet potatoes, strained	28.35	1.0 oz	0.005	0.009
09021	Apricots, raw	155.0	1.0 cup, halves	0.005	0.009
11953	Squash, zucchini, baby, raw	16.0	1.0 large	0.005	0.006
03287	Babyfood, dinner, beef noodle, junior	16.0	1.0 tbsp	0.005	0.008
03212	Babyfood, cereal, rice, with bananas, dry	2.5	1.0 tbsp	0.005	0.006
09023	Apricots, canned, water pack, without skin, solids and liquids	227.0	1.0 cup, whole, without pits	0.005	0.007
09265	Persimmons, native, raw	25.0	1.0 fruit without refuse	0.004	0.002
11637	Radishes, white icicle, raw	50.0	0.5 cup slices	0.004	0.005
01050	Cream, fluid, light (coffee cream or table cream)	30.0	1.0 fl oz	0.004	0.021
02043	Spices, turmeric, ground	3.0	1.0 tsp	0.004	0.004
02018	Spices, fennel seed	2.0	1.0 tsp, whole	0.004	0.006
25036	Snacks, granola bites, mixed flavors	20.0	1.0 package	0.004	0.005
12116	Nuts, coconut cream, canned, sweetened	19.0	1.0 tbsp	0.004	0.004
16004	Yokan, prepared from adzuki beans and sugar	14.0	1.0 slice	0.004	0.005
19372	Frostings, chocolate, creamy, dry mix, prepared with margarine	33.0	2.0 tablespoon	--	0.004
19241	Frostings, chocolate, creamy, dry mix, prepared with butter	33.0	2.0 tablespoon	--	0.004
10109	Pork, fresh, variety meats and by-products, leaf fat, raw	28.35	1.0 oz	0.004	0.007
03194	Babyfood, cereal, Rice, dry, fortified	2.5	1.0 tbsp	0.004	0.005
11238	Mushrooms, shiitake, raw	19.0	1.0 piece whole	0.004	0.006
09007	Apples, canned, sweetened, sliced, drained, unheated	204.0	1.0 cup slices	--	0.004

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
09008	Apples, canned, sweetened, sliced, drained, heated	204.0	1.0 cup slices	--	0.004
11981	Peppers, hungarian, raw	27.0	1.0 pepper	0.004	0.003
01055	Cream, sour, reduced fat, cultured	15.0	1.0 tbsp	0.004	0.011
11143	Celery, raw	101.0	1.0 cup chopped	0.004	0.005
02015	Spices, curry powder	2.0	1.0 tsp	0.004	0.004
06985	Gravy, HEINZ Home Style, savory beef	57.0	1.0 serving 1/4 cup 2 oz	0.004	0.007
11783	Eggplant, cooked, boiled, drained, with salt	99.0	1.0 cup (1" cubes)	0.004	0.009
11210	Eggplant, cooked, boiled, drained, without salt	99.0	1.0 cup (1" cubes)	0.004	0.009
09218	Tangerines, (mandarin oranges), raw	195.0	1.0 cup, sections	--	0.004
19924	Syrup, NESTLE, chocolate	20.0	1.0 tablespoon	0.004	0.003
01073	Dessert topping, semi solid, frozen	75.0	1.0 cup	0.004	0.028
01058	Sour dressing, non-butterfat, cultured, filled cream-type	12.0	1.0 tbsp	0.004	0.010
02046	Mustard, prepared, yellow	5.0	1.0 tsp or 1 packet	0.004	0.004
11252	Lettuce, iceberg (includes crisphead types), raw	72.0	1.0 cup shredded	--	0.004
09181	Melons, cantaloupe, raw	177.0	1.0 cup, balls	0.004	0.021
11749	Cabbage, common (danish, domestic, and pointed types), freshly harvest, raw	35.0	0.5 cup, shredded	0.004	0.004
11750	Cabbage, common (danish, domestic, and pointed types), stored, raw	35.0	0.5 cup, shredded	0.004	0.004
11286	Onions, yellow, sauteed	87.0	1.0 cup chopped	0.003	0.002
01056	Cream, sour, cultured	12.0	1.0 tbsp	0.003	0.009
11422	Pumpkin, raw	116.0	1.0 cup (1" cubes)	0.003	0.013
14218	Beverages, coffee, instant, decaffeinated, powder	1.8	1.0 tsp rounded	0.003	0.000
11099	Brussels sprouts, cooked, boiled, drained, without salt	21.0	1.0 sprout	0.003	0.005
11745	Brussels sprouts, cooked, boiled, drained, with salt	21.0	1.0 sprout	0.003	0.005
09279	Plums, raw	165.0	1.0 cup, sliced	0.003	0.013
09078	Cranberries, raw	110.0	1.0 cup, chopped	--	0.003
16432	Tofu, salted and fermented (fuyu), prepared with calcium sulfate	11.0	1.0 block	0.003	0.012
04025	Salad dressing, mayonnaise, regular	13.8	1.0 tbsp	0.003	0.005
02030	Spices, pepper, black	2.3	1.0 tsp, ground	0.003	0.002
04026	Salad dressing, mayonnaise, soybean and safflower oil, with salt	13.8	1.0 tablespoon	0.003	0.005
11941	Pickles, cucumber, sour	155.0	1.0 cup	0.003	0.005
09326	Watermelon, raw	154.0	1.0 cup, balls	0.003	0.009
11946	Pickles, cucumber, sour, low sodium	143.0	1.0 cup, chopped or diced	0.003	0.004
11752	Cabbage, red, cooked, boiled, drained, with salt	22.0	1.0 leaf	0.003	0.003
11113	Cabbage, red, cooked, boiled, drained, without salt	22.0	1.0 leaf	0.003	0.003
04028	Salad dressing, mayonnaise, imitation, milk cream	15.0	1.0 tablespoon	0.003	0.008
11944	Pickle relish, hot dog	15.0	1.0 tbsp	0.003	0.003

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
01074	Sour cream, imitation, cultured	28.35	1.0 oz	0.003	0.021
11251	Lettuce, cos or romaine, raw	47.0	1.0 cup shredded	0.003	0.007
01072	Dessert topping, pressurized	70.0	1.0 cup	0.003	0.021
09252	Pears, raw	140.0	1.0 cup, slices	--	0.003
09415	Pears, raw, green anjou	140.0	1.0 cup, sliced	0.003	0.004
09412	Pears, raw, bartlett	140.0	1.0 cup, sliced	--	0.003
11669	Seaweed, wakame, raw	10.0	2.0 tbsp (1/8 cup)	0.003	0.006
19198	Puddings, tapioca, dry mix	92.0	1.0 package (3.5 oz)	0.003	0.002
19709	Puddings, tapioca, dry mix, with no added salt	92.0	1.0 package (3.5 oz)	0.003	0.002
01067	Cream substitute, liquid, with hydrogenated vegetable oil and soy protein	15.0	1.0 container, individual	0.003	0.002
14222	Beverages, coffee, instant, with chicory	1.8	1.0 tsp, rounded	0.003	0.000
09271	Pineapple, canned, extra heavy syrup pack, solids and liquids	260.0	1.0 cup, crushed, sliced, or chunks	0.003	0.023
09270	Pineapple, canned, heavy syrup pack, solids and liquids	254.0	1.0 cup, crushed, sliced, or chunks	0.003	0.023
11257	Lettuce, red leaf, raw	28.0	1.0 cup shredded	0.003	0.004
11943	Pimento, canned	12.0	1.0 tbsp	0.003	0.002
09269	Pineapple, canned, light syrup pack, solids and liquids	252.0	1.0 cup, crushed, sliced, or chunks	0.003	0.023
11213	Endive, raw	25.0	0.5 cup, chopped	0.002	0.004
09268	Pineapple, canned, juice pack, solids and liquids	249.0	1.0 cup, crushed, sliced, or chunks	0.002	0.027
09267	Pineapple, canned, water pack, solids and liquids	246.0	1.0 cup, crushed, sliced, or chunks	0.002	0.027
04030	Sandwich spread, with chopped pickle, regular, unspecified oils	15.0	1.0 tablespoon	0.002	0.003
11591	Watercress, raw	34.0	1.0 cup, chopped	0.002	0.007
21387	BURGER KING, Hash Brown Rounds	5.6	1.0 piece	0.002	0.002
19220	Desserts, rennin, chocolate, dry mix	9.0	1.0 tbsp	0.002	0.002
03195	Babyfood, cereal, rice, with applesauce and bananas, strained	16.0	1.0 tbsp	0.002	0.003
11824	Peppers, sweet, red, cooked, boiled, drained, with salt	12.0	1.0 tbsp	0.002	0.001
11806	Onions, frozen, chopped, cooked, boiled, drained, with salt	15.0	1.0 tbsp chopped	0.002	0.001
11288	Onions, frozen, chopped, cooked, boiled, drained, without salt	15.0	1.0 tbsp chopped	0.002	0.001
11822	Peppers, sweet, green, cooked, boiled, drained, with salt	11.6	1.0 tbsp	0.002	0.001
11205	Cucumber, with peel, raw	52.0	0.5 cup slices	0.002	0.003
19204	Puddings, lemon, dry mix, instant, prepared with 2% milk	8.0	1.0 serving	0.002	0.006
04018	Salad dressing, mayonnaise type, regular, with salt	14.7	1.0 tbsp	0.002	0.003
14214	Beverages, coffee, instant, regular, powder	1.0	1.0 tsp	0.002	0.000
19371	Frostings, vanilla, creamy, dry mix, prepared with margarine	33.0	2.0 tablespoon	--	0.002
02026	Spices, onion powder	2.4	1.0 tsp	0.002	0.002
02021	Spices, ginger, ground	1.8	1.0 tsp	0.002	0.002
02010	Spices, cinnamon, ground	2.6	1.0 tsp	0.002	0.002

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
02029	Spices, parsley, dried	0.5	1.0 tsp	0.001	0.003
19314	Pie fillings, canned, cherry	74.0	0.125 can	--	0.001
02011	Spices, cloves, ground	2.1	1.0 tsp	0.001	0.002
04022	Salad dressing, russian dressing, low calorie	16.0	1.0 tablespoon	0.001	0.002
11937	Pickles, cucumber, dill or kosher dill	35.0	1.0 spear, small	0.001	0.002
09414	Pears, raw, bosc	140.0	1.0 cup, sliced	0.001	0.003
11947	Pickles, cucumber, dill, reduced sodium	35.0	1.0 spear, small	0.001	0.002
16082	Noodles, chinese, cellophane or long rice (mung beans), dehydrated	140.0	1.0 cup	0.001	0.003
11634	Peppers, sweet, green, freeze-dried	0.4	1.0 tbsp	0.001	0.001
11931	Peppers, sweet, red, freeze-dried	0.4	1.0 tbsp	0.001	0.001
02003	Spices, basil, dried	0.7	1.0 tsp, leaves	0.001	0.002
09413	Pears, raw, red anjou	126.0	1.0 small	0.001	0.003
09003	Apples, raw, with skin	125.0	1.0 cup, quartered or chopped	--	0.001
19297	Jams and preserves	20.0	1.0 tbsp	0.001	0.000
04641	Salad dressing, mayonnaise, light	15.0	1.0 tablespoon	0.001	0.002
01205	Cream substitute, flavored, liquid	15.0	1.0 tbsp	0.001	0.001
06169	Sauce, ready-to-serve, pepper, TABASCO	4.7	1.0 tsp	0.001	0.001
02027	Spices, oregano, dried	1.0	1.0 tsp, leaves	0.001	0.001
02066	Spearmint, dried	0.5	1.0 tsp	0.001	0.001
09004	Apples, raw, without skin	110.0	1.0 cup slices	--	0.001
09500	Apples, raw, red delicious, with skin	109.0	1.0 cup, sliced	--	0.001
09501	Apples, raw, golden delicious, with skin	109.0	1.0 cup, sliced	--	0.001
14426	Beverages, Orange drink, breakfast type, with juice and pulp, frozen concentrate	36.3	1.0 fl oz	0.001	0.001
01206	Cream substitute, flavored, powdered	12.0	4.0 tsp	0.001	0.001
11958	Pickle relish, hamburger	15.0	1.0 tbsp	--	0.001
11960	Carrots, baby, raw	15.0	1.0 large	0.001	0.001
19116	Candies, marshmallows	50.0	1.0 cup of miniature	0.001	0.008
11950	Mushrooms, enoki, raw	5.0	1.0 large	0.001	0.002
04120	Salad dressing, french dressing, commercial, regular	16.0	1.0 tbsp	0.001	0.002
14187	Beverages, Clam and tomato juice, canned	30.2	1.0 fl oz	0.001	0.001
04021	Salad dressing, italian dressing, commercial, reduced fat	15.0	1.0 tablespoon	0.001	0.001
19706	Puddings, banana, dry mix, regular, with added oil	88.0	1.0 package (3.12 oz)	--	0.001
19320	Puddings, banana, dry mix, regular	88.0	1.0 package (3.12 oz)	--	0.001
03221	Babyfood, dessert, dutch apple, junior	28.35	1.0 oz	0.001	0.001
11949	Catsup, low sodium	17.0	1.0 tbsp	--	0.001
19332	Puddings, lemon, dry mix, regular	85.0	1.0 package (3 oz)	--	0.001

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
11935	Catsup	17.0	1.0 tbsp	--	0.001
19708	Puddings, lemon, dry mix, regular, with added oil, potassium, sodium	85.0	1.0 package (3 oz)	--	0.001
11145	Celtuce, raw	8.0	1.0 leaf	--	0.001
04128	Margarine-like, vegetable oil spread, unspecified oils, approximately 37% fat, with salt	14.9	1.0 tbsp	0.001	0.002
02044	Basil, fresh	2.5	5.0 leaves	0.001	0.001
14548	Beverages, tea, instant, lemon, with added ascorbic acid	23.0	1.0 serving (3 heaping tsp)	0.001	0.000
19303	Marmalade, orange	20.0	1.0 tbsp	0.001	0.001
01068	Cream substitute, liquid, with lauric acid oil and sodium caseinate	15.0	1.0 container, individual	0.001	0.004
14201	Beverages, coffee, brewed, prepared with tap water, decaffeinated	29.6	1.0 fl oz	0.001	0.000
14209	Beverages, coffee, brewed, prepared with tap water	29.6	1.0 fl oz	0.001	0.000
04114	Salad dressing, italian dressing, commercial, regular	14.7	1.0 tbsp	0.001	0.001
11624	Leeks, (bulb and lower-leaf portion), freeze-dried	0.2	1.0 tbsp	0.001	0.000
04020	Salad dressing, french dressing, reduced fat	16.0	1.0 tablespoon	0.000	0.000
06168	Sauce, ready-to-serve, pepper or hot	4.7	1.0 tsp	0.000	0.000
11945	Pickle relish, sweet	15.0	1.0 tbsp	0.000	0.001
01001	Butter, salted	5.0	1.0 pat (1" sq, 1/3" high)	0.000	0.001
01145	Butter, without salt	5.0	1.0 pat (1" sq, 1/3" high)	0.000	0.001
11447	Sesbania flower, raw	3.0	1.0 flower	0.000	0.000
01003	Butter oil, anhydrous	12.8	1.0 tbsp	0.000	0.001
04073	Margarine, regular, hard, soybean (hydrogenated)	4.7	1.0 tsp	0.000	0.001
01002	Butter, whipped, with salt	3.8	1.0 pat (1" sq, 1/3" high)	0.000	0.001
02063	Rosemary, fresh	0.7	1.0 tsp	0.000	0.000
02045	Dill weed, fresh	1.0	5.0 sprigs	0.000	0.000
11216	Ginger root, raw	2.0	1.0 tsp	0.000	0.000
11948	Pickles, cucumber, sweet, low sodium (includes bread and butter pickles)	6.0	1.0 slice	0.000	0.000
02065	Spearmint, fresh	0.3	2.0 leaves	0.000	0.000
02064	Peppermint, fresh	0.1	2.0 leaves	0.000	0.000
16166	Soymilk, chocolate, unfortified	243.0	1.0 cup	0.000	0.066
04544	Shortening, household, lard and vegetable oil	12.8	1.0 tablespoon	--	0.000
03001	Babyfood, juice treats, fruit medley, toddler	28.0	1.0 packet	--	0.000
14006	Alcoholic beverage, beer, light	29.5	1.0 fl oz	--	0.000
04038	Oil, wheat germ	4.5	1.0 tsp	--	0.000
04576	Fat, goose	12.8	1.0 tbsp	--	0.000
04506	Oil, sunflower, linoleic, (approx. 65%)	13.6	1.0 tbsp	--	0.000
04016	Salad dressing, sesame seed dressing, regular	15.0	1.0 tablespoon	0.000	0.004
04662	Oil, industrial, palm and palm kernel, filling fat (non-hydrogenated)	13.6	1.0 tbsp	--	0.000

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
14385	Beverages, water, bottled, POLAND SPRING	29.6	1.0 fl oz	--	0.000
04541	Oil, cupu assu	13.6	1.0 tablespoon	--	0.000
04031	Shortening, household, soybean (partially hydrogenated)-cottonseed (partially hydrogenated)	12.8	1.0 tbsp	--	0.000
04573	Oil, ucuhuba butter	13.6	1.0 tbsp	--	0.000
14155	Beverages, carbonated, tonic water	30.5	1.0 fl oz	--	0.000
04135	Salad dressing, home recipe, vinegar and oil	16.0	1.0 tablespoon	--	0.000
04659	Oil, industrial, coconut, confection fat, typical basis for ice cream coatings	13.6	1.0 tbsp	--	0.000
02047	Salt, table	6.0	1.0 tsp	--	0.000
04560	Shortening frying (heavy duty), soybean (hydrogenated), linoleic (less than 1%)	12.8	1.0 tbsp	--	0.000
03019	Babyfood, snack, GERBER GRADUATE FRUIT STRIPS, Real Fruit Bars	9.9	1.0 bar	--	0.000
14142	Beverages, carbonated, grape soda	31.0	1.0 fl oz	--	0.000
04656	Oil, industrial, palm kernel, confection fat, uses similar to high quality cocoa butter	13.6	1.0 tbsp	--	0.000
14352	Beverages, tea, black, brewed, prepared with tap water, decaffeinated	29.6	1.0 fl oz	--	0.000
04532	Oil, hazelnut	13.6	1.0 tablespoon	--	0.000
19704	Gelatin desserts, dry mix, reduced calorie, with aspartame, no added sodium	9.0	1.0 tbsp	0.000	0.040
14551	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 90 proof	27.8	1.0 fl oz	--	0.000
04554	Shortening industrial, soybean (hydrogenated) and cottonseed	12.8	1.0 tbsp	--	0.000
16424	Soy sauce made from soy and wheat (shoyu), low sodium	14.2	1.0 tbsp	0.000	0.013
04060	Oil, sunflower, linoleic (less than 60%)	13.6	1.0 tbsp	--	0.000
19173	Gelatin desserts, dry mix, prepared with water	135.0	0.5 cup	0.000	0.014
17269	Game meat, bison, shoulder clod, separable lean only, trimmed to 0" fat, raw	28.35	1.0 oz	0.000	0.142
04652	Oil, industrial, soy (partially hydrogenated), all purpose	13.6	1.0 tbsp	--	0.000
04528	Oil, walnut	13.6	1.0 tbsp	--	0.000
14544	Beverages, tea, black, brewed, prepared with distilled water	29.6	1.0 fl oz	--	0.000
04549	Shortening industrial, lard and vegetable oil	12.8	1.0 tbsp	--	0.000
19018	Fruit syrup	334.0	1.0 cup	--	0.000
14050	Alcoholic beverage, distilled, rum, 80 proof	27.8	1.0 fl oz	--	0.000
04053	Oil, olive, salad or cooking	13.5	1.0 tablespoon	--	0.000
04649	Shortening, industrial, soy (partially hydrogenated), pourable liquid fry shortening	13.6	1.0 tbsp	--	0.000
16139	Soymilk, original and vanilla, with added calcium, vitamins A and D	243.0	1.0 cup	0.000	0.039
04514	Oil, poppyseed	13.6	1.0 tablespoon	--	0.000
14243	Cranberry juice cocktail, bottled, low calorie, with calcium, saccharin and corn sweetener	29.6	1.0 fl oz	--	0.000
04517	Oil, grapeseed	13.6	1.0 tablespoon	--	0.000
04669	USDA Commodity Food, oil, vegetable, soybean, refined	13.6	1.0 tablespoon	--	0.000
04545	Oil, sunflower, linoleic, (partially hydrogenated)	13.6	1.0 tbsp	--	0.000

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
14034	Alcoholic beverage, creme de menthe, 72 proof	33.6	1.0 fl oz	--	0.000
04042	Oil, peanut, salad or cooking	13.5	1.0 tbsp	--	0.000
04510	Oil, safflower, salad or cooking, linoleic, (over 70%)	13.6	1.0 tbsp	--	0.000
04017	Salad dressing, thousand island, commercial, regular	16.0	1.0 tbsp	--	0.000
04663	Oil, industrial, palm kernel (hydrogenated), filling fat	13.6	1.0 tbsp	--	0.000
04542	Fat, chicken	12.8	1.0 tbsp	--	0.000
04034	Oil, soybean, salad or cooking, (partially hydrogenated)	13.6	1.0 tbsp	--	0.000
04574	Fat, duck	12.8	1.0 tbsp	--	0.000
04501	Oil, cocoa butter	13.6	1.0 tablespoon	--	0.000
04001	Fat, beef tallow	12.8	1.0 tbsp	--	0.000
04660	Oil, industrial, palm kernel (hydrogenated) , used for whipped toppings, non-dairy	13.6	1.0 tbsp	--	0.000
02048	Vinegar, cider	14.9	1.0 tbsp	--	0.000
04029	Salad dressing, mayonnaise, imitation, soybean without cholesterol	14.1	1.0 tablespoon	--	0.000
04570	Shortening, confectionery, fractionated palm	13.6	1.0 tbsp	--	0.000
14150	Beverages, carbonated, orange	31.0	1.0 fl oz	--	0.000
04657	Oil, industrial, palm kernel (hydrogenated), confection fat, uses similar to 95 degree hard butter	13.6	1.0 tbsp	--	0.000
14355	Beverages, tea, black, brewed, prepared with tap water	29.6	1.0 fl oz	--	0.000
04534	Oil, babassu	13.6	1.0 tbsp	--	0.000
04556	Shortening frying (heavy duty), palm (hydrogenated)	12.8	1.0 tbsp	--	0.000
14121	Beverages, carbonated, club soda	29.6	1.0 fl oz	--	0.000
19177	Gelatins, dry powder, unsweetened	7.0	1.0 envelope (1 tbsp)	0.000	0.042
04653	Oil, industrial, soy (partially hydrogenated) and soy (winterized), pourable clear fry	13.6	1.0 tbsp	--	0.000
04529	Oil, almond	13.6	1.0 tablespoon	--	0.000
04670	USDA Commodity Food, oil, vegetable, low saturated fat	13.6	1.0 tbsp	--	0.000
19702	Gelatin desserts, dry mix, with added ascorbic acid, sodium-citrate and salt	85.0	1.0 package (3 oz)	0.000	0.053
04550	Shortening frying (heavy duty), beef tallow and cottonseed	12.8	1.0 tbsp	--	0.000
14051	Alcoholic beverage, distilled, vodka, 80 proof	27.8	1.0 fl oz	--	0.000
04055	Oil, palm	13.6	1.0 tbsp	--	0.000
17267	Game meat, bison, top sirloin, separable lean only, trimmed to 0" fat, raw	28.35	1.0 oz	0.000	0.144
04650	Oil, industrial, soy, refined, for woks and light frying	13.6	1.0 tbsp	--	0.000
04515	Oil, tomatoseed	13.6	1.0 tablespoon	--	0.000
04518	Oil, corn, industrial and retail, all purpose salad or cooking	13.6	1.0 tbsp	--	0.000
16168	Soymilk, chocolate, with added calcium, vitamins A and D	243.0	1.0 cup	0.000	0.046
14532	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 94 proof	27.8	1.0 fl oz	--	0.000
04546	Shortening bread, soybean (hydrogenated) and cottonseed	12.8	1.0 tablespoon	--	0.000

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
14037	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 80 proof	27.8	1.0 fl oz	--	0.000
04044	Oil, soybean, salad or cooking	13.6	1.0 tbsp	--	0.000
04646	Oil, industrial, coconut, principal uses candy coatings, oil sprays, roasting nuts	13.6	1.0 tbsp	--	0.000
04511	Oil, safflower, salad or cooking, high oleic (primary safflower oil of commerce)	13.6	1.0 tablespoon	--	0.000
04664	Oil, industrial, soy (partially hydrogenated), palm, principal uses icings and fillings	13.6	1.0 tbsp	--	0.000
19064	Candies, TOOTSIE ROLL, chocolate-flavor roll	40.0	1.0 serving 6 pieces	0.000	0.004
04543	Oil, soybean, salad or cooking, (partially hydrogenated) and cottonseed	13.6	1.0 tablespoon	--	0.000
16112	Miso	17.0	1.0 tbsp	0.000	0.022
14003	Alcoholic beverage, beer, regular, all	29.7	1.0 fl oz	--	0.000
04037	Oil, rice bran	13.6	1.0 tablespoon	--	0.000
04575	Fat, turkey	12.8	1.0 tbsp	--	0.000
04502	Oil, cottonseed, salad or cooking	13.6	1.0 tablespoon	--	0.000
04002	Lard	12.8	1.0 tbsp	--	0.000
04661	Oil, industrial, coconut (hydrogenated), used for whipped toppings and coffee whiteners	13.6	1.0 tbsp	--	0.000
04572	Oil, nutmeg butter	13.6	1.0 tbsp	--	0.000
14153	Beverages, carbonated, pepper-type, contains caffeine	30.7	1.0 fl oz	--	0.000
04133	Salad dressing, french, home recipe	14.0	1.0 tablespoon	--	0.000
04658	Oil, industrial, palm kernel (hydrogenated), confection fat, intermediate grade product	13.6	1.0 tbsp	--	0.000
14384	Beverages, water, bottled, PERRIER	29.6	1.0 fl oz	--	0.000
04536	Oil, sheanut	13.6	1.0 tablespoon	--	0.000
04027	Salad dressing, mayonnaise, imitation, soybean	15.0	1.0 tbsp	--	0.000
04559	Shortening household soybean (hydrogenated) and palm	12.8	1.0 tbsp	--	0.000
19337	Sweeteners, tabletop, aspartame, EQUAL, packets	3.5	1.0 tsp	--	0.000
14130	Carbonated beverage, cream soda	30.9	1.0 fl oz	--	0.000
04654	Oil, industrial, soy (partially hydrogenated) and cottonseed, principal use as a tortilla shortening	13.6	1.0 tbsp	--	0.000
19228	Frostings, cream cheese-flavor, ready-to-eat	33.0	2.0 tbsp creamy	--	0.000
04530	Oil, apricot kernel	13.6	1.0 tablespoon	--	0.000
19703	Gelatin desserts, dry mix, reduced calorie, with aspartame, added phosphorus, potassium, sodium, vitamin C	9.0	1.0 tbsp	0.000	0.040
14550	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 86 proof	27.8	1.0 fl oz	--	0.000
04551	Shortening confectionery, coconut (hydrogenated) and or palm kernel (hydrogenated)	12.8	1.0 tbsp	--	0.000
16120	Soymilk, original and vanilla, unfortified	243.0	1.0 cup	0.000	0.066
19330	Puddings, lemon, dry mix, instant	99.0	1.0 package (3.5 oz)	--	0.000
04058	Oil, sesame, salad or cooking	13.6	1.0 tablespoon	--	0.000
19172	Gelatin desserts, dry mix	85.0	1.0 package (3 oz)	0.000	0.053

NDB_No	Description	Weight(g)	Measure	Cystine(g) Per Measure	Methionine(g) Per Measure
17268	Game meat, bison, ribeye, separable lean only, trimmed to 0" fat, raw	28.35	1.0 oz	0.000	0.149
04651	Oil, industrial, soy (partially hydrogenated), multiuse for non-dairy butter flavor	13.6	1.0 tbsp	--	0.000
04520	Fat, mutton tallow	12.8	1.0 tbsp	--	0.000
04023	Salad dressing, thousand island dressing, reduced fat	15.0	1.0 tablespoon	--	0.000
14533	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 100 proof	27.8	1.0 fl oz	--	0.000
04548	Shortening cake mix, soybean (hydrogenated) and cottonseed (hydrogenated)	12.8	1.0 tbsp	--	0.000
14049	Alcoholic beverage, distilled, gin, 90 proof	27.8	1.0 fl oz	--	0.000
04047	Oil, coconut	13.6	1.0 tbsp	--	0.000
04648	Oil, industrial, soy (partially hydrogenated), principal uses popcorn and flavoring vegetables	13.6	1.0 tbsp	--	0.000
04513	Vegetable oil, palm kernel	13.6	1.0 tablespoon	--	0.000
04516	Oil, teaseed	13.6	1.0 tablespoon	--	0.000
04667	Shortening, industrial, soy (partially hydrogenated) for baking and confections	12.8	1.0 tbsp	--	0.000